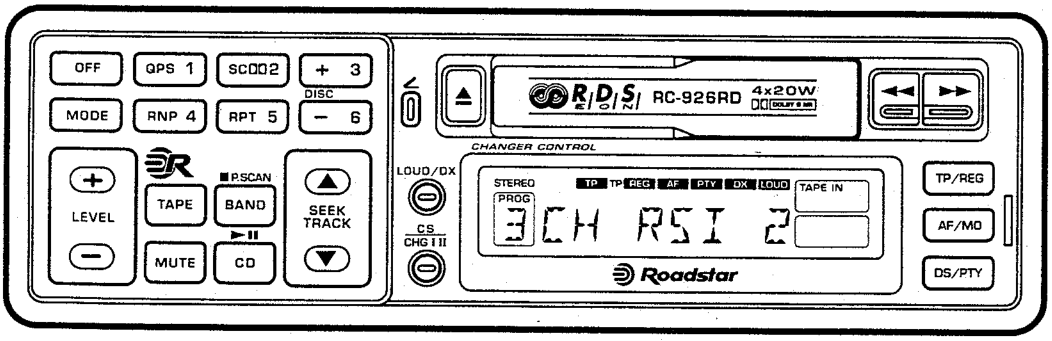
Roadstar®

Service Manual

RC-926, 826RD

HIGH POWER LW/MW AND
FM CAR STEREO CASSETTE
Auto Reverse CD Changer Control
and Digital Electronic Tuning


OFF
QPS 1
SC002
+ 3
DISC
MODE
RNP 4
RPT 5
− 6
LEVEL
P.SCAN
TAPE
BAND
MUTE
CD
SEEK
TRACK
LOUD/DX
CS
CHG I II
RDS EON
RC-926RD
4x20W
CHANGER CONTROL
STEREO
TP
TP
REG
AF
PTY
DX
LOUD
TAPE IN
PROG
3CH RSI 2
Roadstar
TP/REG
AF/MO
DS/PTY

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To the Service Information

The service manual contains detailed service information for type RC-926, 826RD.
The basic difference between type RC-926, 826RD is Dolby.

For example ;

- **Type RC-926RD has dolby.**
- **Type RC-826RD has not dolby.**

SPECIFICATION

LW Performance

	Test Item	Measured at (kHz)	Unit	Nominal	Limit
1	Frequency coverage		kHz		153-281
2	Intermediate Frequency		kHz	450	450± 3
3	Usable sensitivity S/N=20dB, 400Hz, 30% MOD.	164/218/272 kHz	dB	30	36
4	S/N Ratio, 30%, MOD., 5mV Input	218 kHz	dB	50	45
5	IF rejection	164 kHz	dB	60	55
6	Image rejection	272 kHz	dB	55	50
7	THD, 1 kHz 30%, 5mV Input	218 kHz	%	0.3	1.0
8	Auto seek stop sensitivity(DX)	164/218kHz/272kHz	dB	33	33± 6
9	Whistle modulation, 100μV, 1mV, 100mV input	2 IF, 3 IF	%	2	5
10	A.G.C effect	218 kHz	dB	45	40
11	Strong signal distortion at 5mV Input, 80% MOD.	218 kHz	%	0.8	2.0
12	Band Width(-6dB)	200 kHz	kHz	7	7± 2

MW Performance

	Test Item	Measured at (kHz)	Unit	Nominal	Limit
1	Frequency coverage		kHz		522-1620
2	Intermediate Frequency		kHz	450	450± 3
3	Usable sensitivity S/N=20dB, 400Hz, 30% MOD.	603/999/1404 kHz	dB	30	35
4	S/N Ratio, 30%, MOD., 5mV Input	999 kHz	dB	50	45
5	Selectivity (ACA) at Max. sensitivity	999 kHz	dB	50	45
6	IF rejection	603 kHz	dB	60	55
7	Image rejection	1404 kHz	dB	55	50
8	THD, 1 kHz 30%, 5mV Input	999 kHz	%	0.3	1.0
9	Auto seek stop sensitivity(DX)	603/999/1404kHz	dB	30	30± 6
10	Whistle modulation, 100μV, 5mV 100mV input	2 IF, 3 IF	%	2	5
11	A.G.C effect	999 kHz	dB	50	40
12	Strong signal distortion at 5mV Input, 80% MOD.	999 kHz	%	0.8	2.0
13	Band Width(-6dB)	999 kHz	kHz	7	7± 2

Note : Nominal specifications represent the design specs. All units should be able to approximate these—some will exceed and some might drop slightly below these specs. Limit specifications represent the absolute worst condition that still might be considered acceptable. In no case should a unit fail to meet limit specs.

FM Performance

	Test Item	Measured at (kHz)	Unit	Nominal	Limit
1	Frequency coverage		MHz	87.5-108.0	
2	Intermediate Frequency		MHz	10.7	
3	-3dB Limiting sensitivity	98.0 MHz	dB	10	10± 2
4	Usable sensitivity, 22.5 kHz, DeV., at 1kHz THD 3%, IHF (75 ohms)	90.0/98.0/ 106.0MHz	µV	1.5	2
5	Stereo separation, 1mV input, 98.0 MHz	98.0 kHz	dB	35	30
6	S/N Ratio, 22.5 kHz Dev. 1mV Input (Stereo)	98.0 MHz	dB	57	50
7	De-emphassis measures,at 10 kHz	98.0 MHz (1kHz)	dB	-13.6	± 3
8	Alternate channel selectivity (100µV input)	400 kHz	dB	50	40
9	IF rejection	90.0 MHz	dB	100	90
10	Image rejection	106.0 MHz	dB	50	45
11	THD, 1 kHz,22.5 kHz Dev. 1mV input (stereo)	98.0 MHz	%	0.5	1
12	Auto seek stop sensitivity		dB	20	20± 5
13	AM suppression	98.0 MHz	dB	50	40

RDS Performance

	Test Item	Measured at (kHz)	Unit	Nominal	Limit
1	TP SEEK LOCK-IN sensitivity	98.0 MHz	µV	30	40
2	PS INDICATOR sensitivity	98.0 MHz	µV	30	40
3	AF LIST LOCK-IN SENSITIVITY	98.0 MHz	µV	60	35-100

Tape Performance

	Test Item	Measured at (kHz)	Unit	Nominal	Limit
1	Tape speed, approx (1-1/8 ips)	MTT-111N	%	+1.0	+3.0, −1.0
2	Wow & flutter, 3 kHz DIN Weighted	MTT-111N	%	0.25	0.3
3	Fast−F/REW time	C-60	sec	160	190
4	THD, at 1.0W output, at 1 kHz	MTT-118N	%	1.0	2.5
5	Cross talk	MTT-121N	dB	42	38
6	Channel separation at 1 kHz	MTT-141N	dB	40	35
7	S/N Ratio W/CCIR ARM	MTT-112BN	dB	50	45
8	Frequency response (Normal)	MTT-257C	Hz	± 3dB	+6dB
9	Take−up torque		gr/cm	50	40-60
10	Fast−F/REW torque		gr/cm	50	40-60

Amplifier Performance

	Test Item	Unit	Nominal	Limit
1	Power output/CH into 4 ohms at 1 kHz 10% THD	W	12	10
2	Max. output/CH into 4 ohms at 1 kHz	W	20	18
3	BASS EFFECT AT 125Hz	dB	10	±3
4	TREBLE EFFECT, AT 10kHz	dB	10	±3

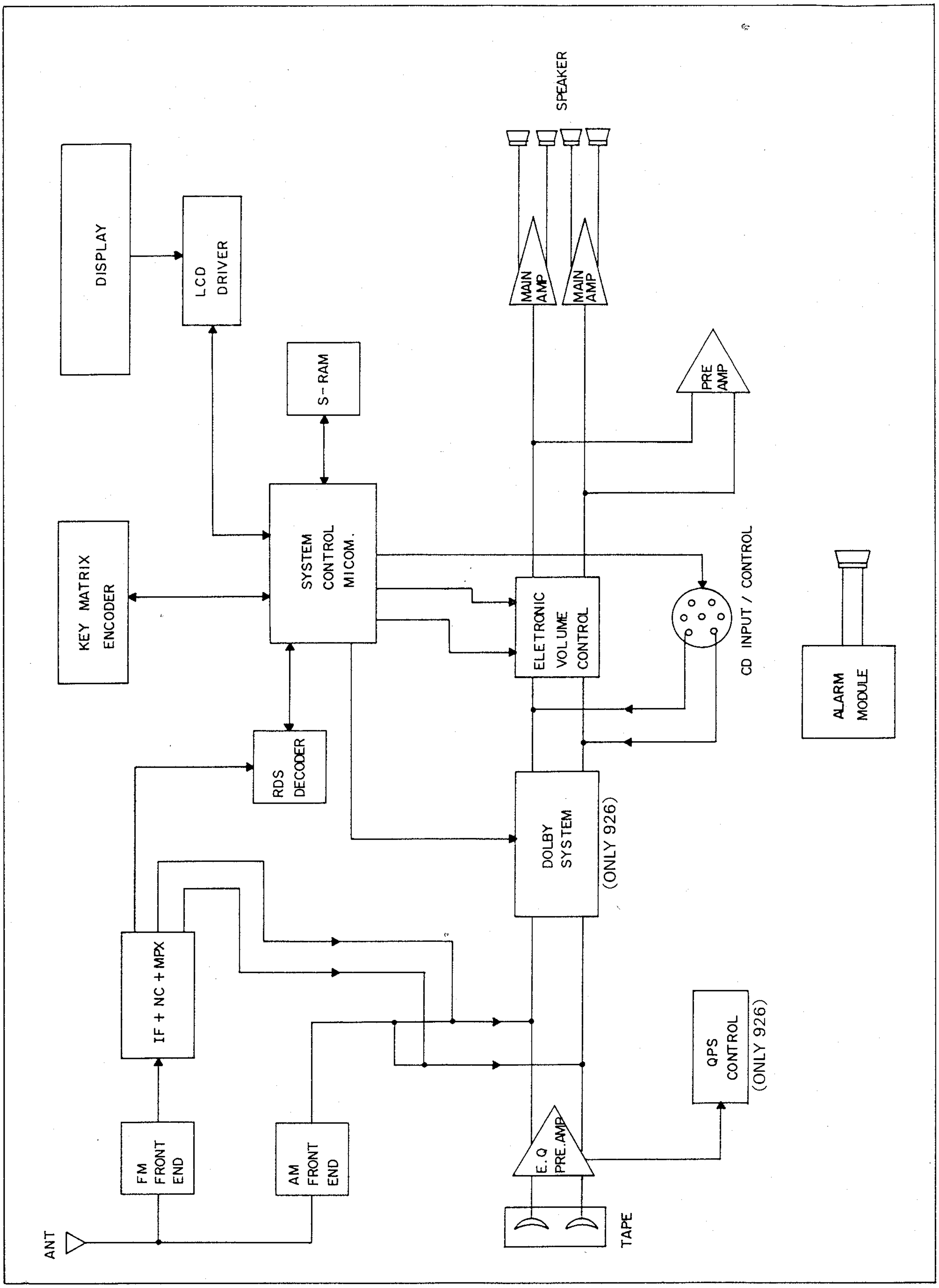
General

1	Dimensions (Chassis)	7″(W) x 2″(H) x 6 13/15″(D) 178mm(W)x50mm(H)x160mm(D)
2	Weight	4.18 lbs (2.3kg)
3	Motor	DC Motor with mechanical governor
4	Special circuit	PLL Frequency Synthesizer Tuning System Auto Stop

Test Signal Operating Condition

- LW : 30% Mod./400 Hz, 218 kHz, 5mV Input
- MW : 30% Mod./400 Hz, 1000 kHz, 5mV Input
- FM : 37.5kHz Dev./1 kHz, 98.0 MHz, 1mV Input
- Operating Voltage Condition
  - ; Rated operating voltage DC 14.4V
  - ; erating voltage : DC 9.8V−15.6V
  - ; Negative ground current consumption : 8.5A MAX.

BLOCK DIAGRAM


SPEAKER
DISPLAY
LCD DRIVER
MAIN AMP
MAIN AMP
PRE AMP
S-RAM
SYSTEM CONTROL MICOM.
KEY MATRIX ENCODER
ELETRONIC VOLUME CONTROL
CD INPUT / CONTROL
ALARM MODULE
RDS DECODER
DOLBY SYSTEM
(ONLY 926)
IF + NC + MPX
QPS CONTROL
(ONLY 926)
E.Q PRE.AMP
FM FRONT END
AM FRONT END
ANT
TAPE

DISASSEMBLY INSTRUCTIONS

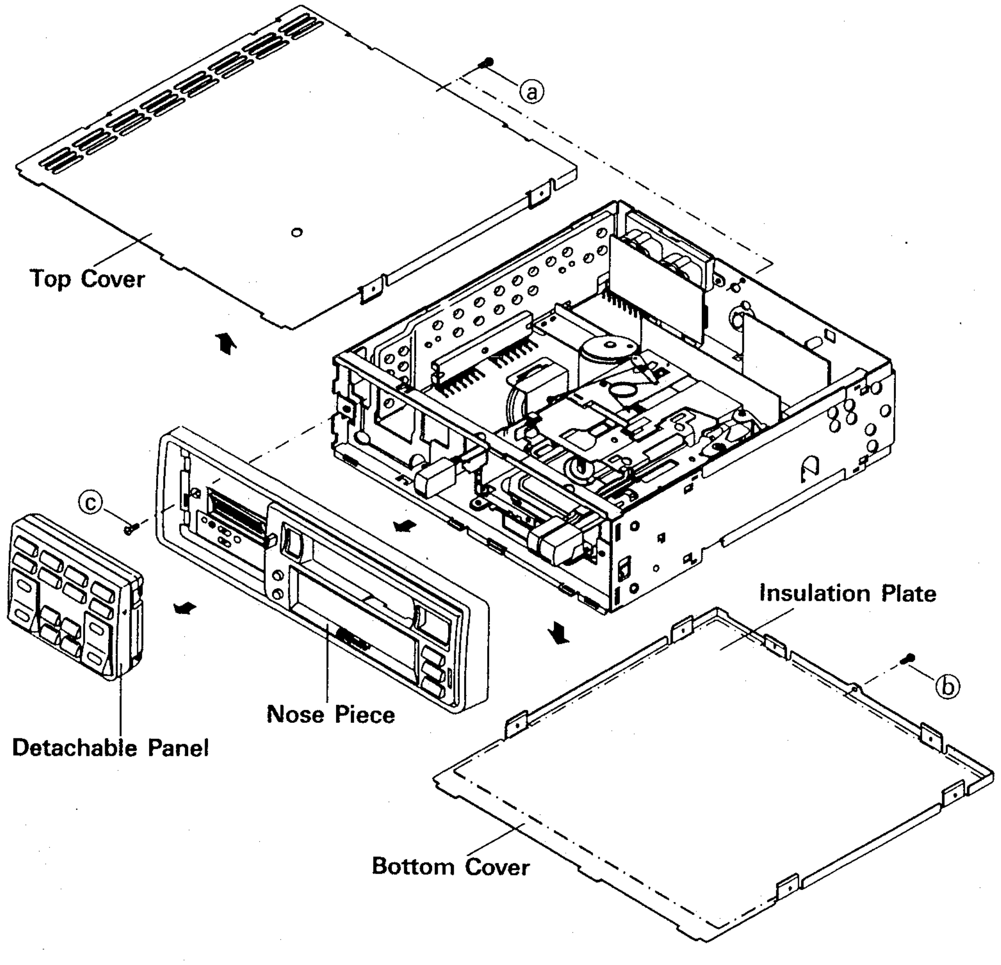
1. **To remove the top cover. (Fig. 1)**
   1) Remove screw ⓐ.
   2) Pull back the top cover and lift in the direction of the arrow.

2. **To remove the bottom cover. (Fig. 1)**
   1) Turn the unit up side down.
   2) Remove screw ⓑ from the back and side of the bottom cover and remove in the direction of the arrow.

3. **To remove the Nose piece. (Fig. 1)**
   1) Detach the Detachable control panel from the Front Panel.
   2) Remove screw ⓒ from the Nose piece.
   3) Detach **6 point hooks** from the body chassis.
   4) Pull back the front panel and lift in the direction of the arrow.

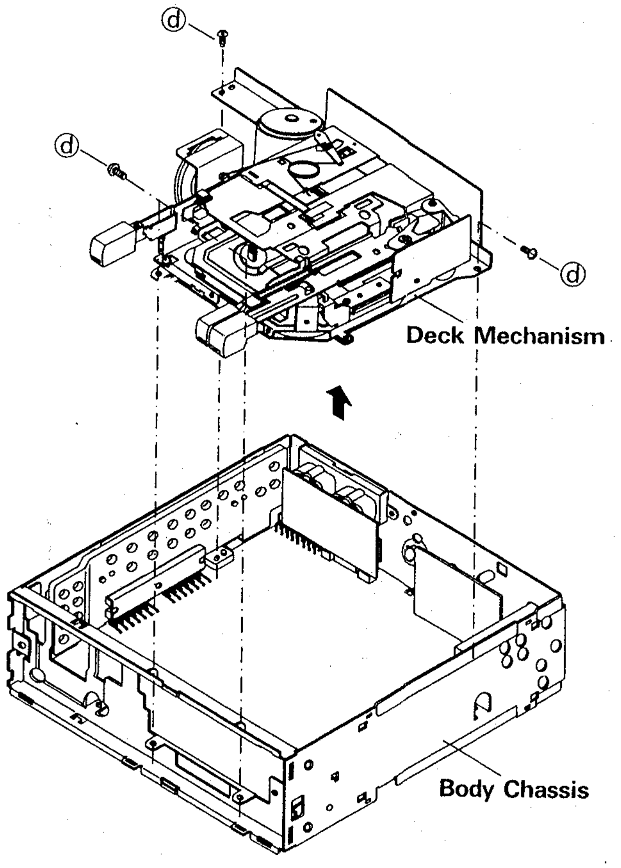
4. **To remove the DECK mechanism. (Fig. 2)**
   1) Detach the connectors from main P.C. Board
   2) Remove **4** screws ⓓ from the deck mechanism.
   3) Lift the deck mecha in the direction of the arrow.

5. **To remove the main and the Line Out P.C. Board (Fig. 3)**
   1) Remove screw ⓔ from the body chassis.
   2) Remove **2** screws ⓕ from the body chassis.
   3) Remove **4** screws ⓖ from the main P.C. Board.
   4) Pull back the main P.C. Board and lift in the direction of the arrow.



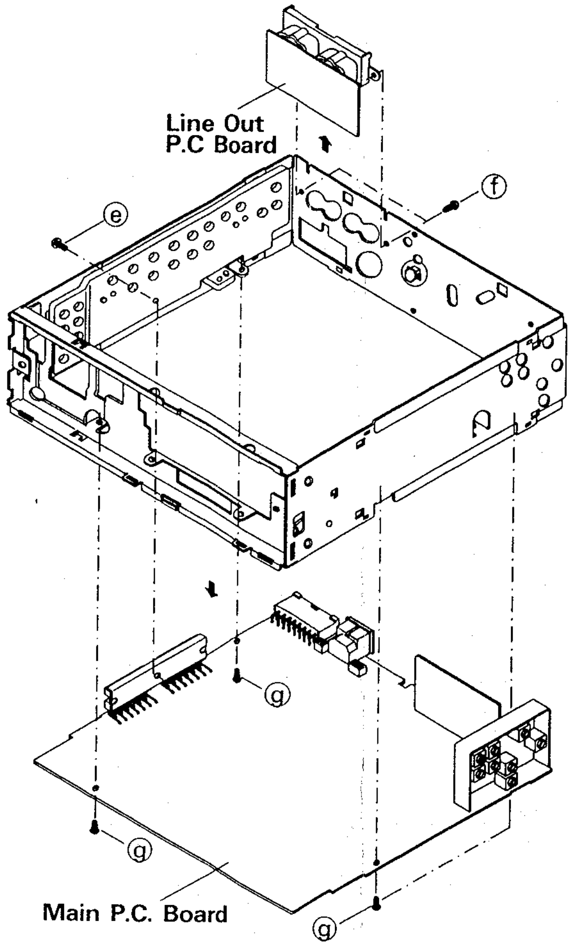
ⓐ
Top Cover
ⓒ
Insulation Plate
ⓑ
Nose Piece
Detachable Panel
Bottom Cover

Fig. 1



ⓓ
ⓓ
ⓓ
Deck Mechanism
Body Chassis

Fig. 2



Line Out
P.C Board
ⓔ
ⓕ
ⓖ
ⓖ
Main P.C. Board
ⓖ

Fig. 3

PRINCIPLES OF OPERATION

This section of the service manual provides a brief technical description of special circuits that you might otherwise find a little hard to understand, might not notice, or find difficult to troubleshoot.

PLL CIRCUIT

This unit uses Digital Phase Locked Loop circcuitry to synthesize AM and FM local oscillator frequencies. For the FM mode, the PLL circuitry consists of U201 (programmable divider, referense frequency divider, phase detector and microprocessor), reference frequency osc. X-tal (4.5 MHz), Q102 and Q103 (low pass filter). For the AM mode, the PLL circuitry consists of U201, reference frequency osc, X-tal(4.5 MHz), Q102 and Q103 (low pass filter). Refer to the PLL Block Diagram as you read the following description.
A 4.5 MHz crystal is used as a reference frequency. The crystal is connected between pins 34 and 35 of the microprocessor U201. The code determines "N", the divisor which produces the required output frequency for each LW/MW/FM station spaced 50 kHz apart for FM station and 9 kHz apart for MW station and 1 kHz apart for LW stations.

Example of FM Operation

When receiving 98.0 MHz, the VCO (Voltage Controlled Oscillator) generates 108.7 MHz [98.0+10.7(IF) MHz]. In division of freuquency, the pulse swallow system is used. The programmable divider U201 is used to produce 25 kHz from 108.7 MHz.
The reference oscillator 4.5 MHz is divided by N (=180) of U201, resulting in another 25 kHz freuquency. These two 25 kHz signals are fed to the phase detector. An error voltage is generated by the phase detector, which is proportional to the phase difference between these two 25 kHz signals. This error voltage appears at pin 19,20 of U201 and passes through the LPF where the error voltage is integrated, and harmonics and noise are filtered out. The resulting DC voltage is applied to the Varicap Dioded (part of VCO) whose capacity varies with applied DC voltage. Thus the output frequency VCO is corrected. With proper circuit design and precise adjustments, the VCO frequency is accurate and precise when the system is "locked", meaning the Phase Detector senses no phase differences between the 25 kHz signals and the VCO generates a frequency which is accurate and stable as the reference crystal oscillator.

Example of AM Operation (The basic PLL circuitry system is the same as in FM mode).

When receiving 100 kHz, VCO generates a 1450 kHz signal [1000+450(IF)kHz]. This 1450 kHz is applied to pin 15 of PLL & Microprocessor U201 and divided by N(=500) of U201. The resulting output will be 9 kHz.

The reference oscillator (4.5 MHz) is divided by 500, resulting in another 9 kHz frequency.

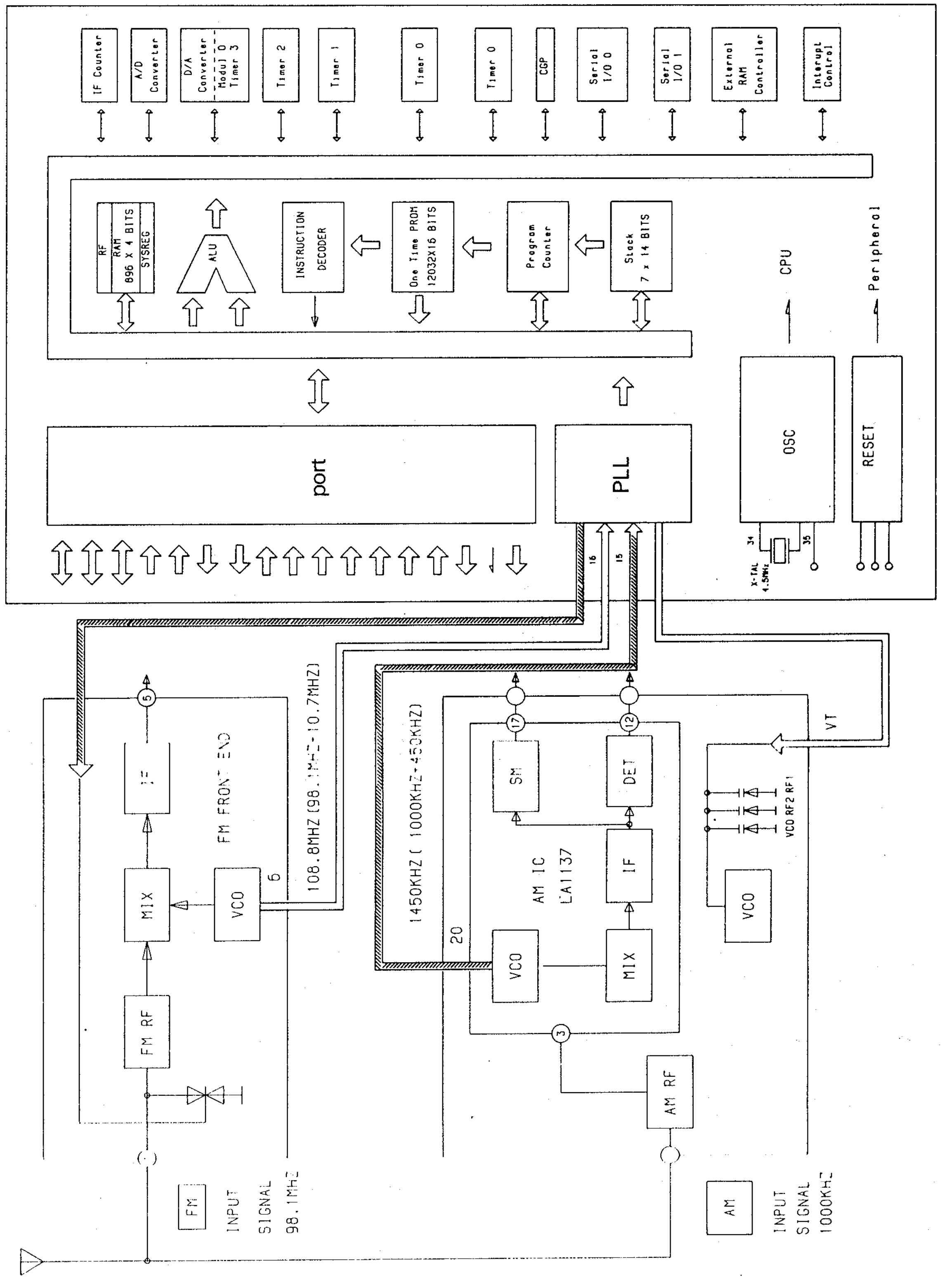
These two 9 kHz signals are fed to the phase detector. An error voltage is generated by the phase detector, which is in proportion to the phase difference between these two 9 KHz signal. This error voltage appeears at Pin 19,20 of U201 and passes through the LPF where the error voltage is integrated, and harmonics and noise are filtered out. The resulting DC voltage is applied to the Varicap Diodes (part of VCO) whose capacity varies with applied DC voltage.
Thus the output frequency of VCO is corrected. With proper circuit design and precise adjustments, the VCO frequency is accurate and precise.

When the system is "locked", the phase detector senses no phase differences and generates a frequency that is accurate and stable as the reference crystal oscillator.

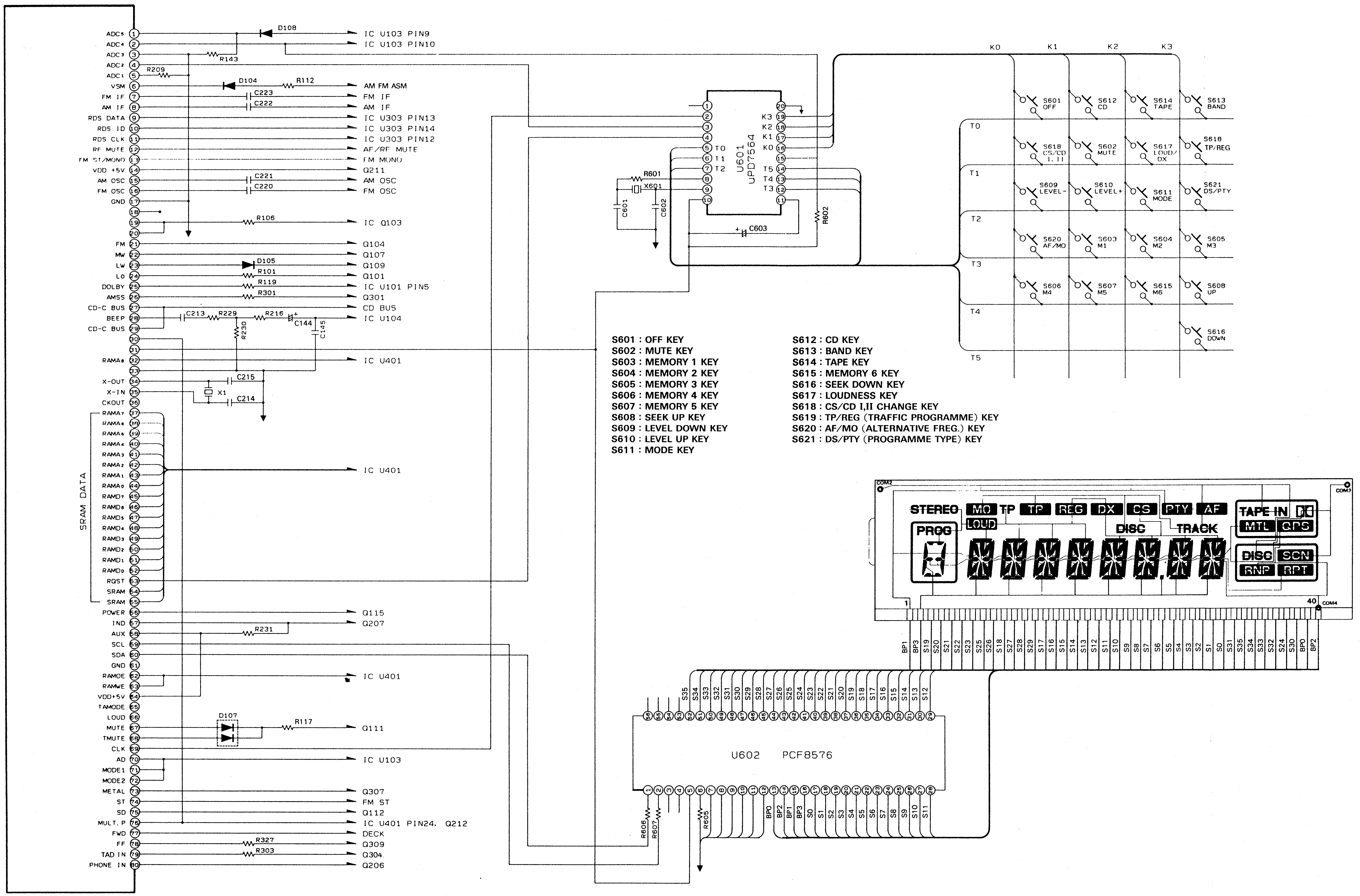
Refereence oscillator 4.5 MHz is divided by the divider U201
FM Band········ N(=180)=4.5 MHz÷25 kHz
MW Band········ N(=500)=4.5 MHz÷9 kHz
LW Band········ N(=4500)=4.5 MHz÷1 kHz

LPF circuitry applies the DC voltage to VCO circuitry which is converted from the output signal 25 kHz for FM, 9kHz for MW, 1 kHz for LW of phase detector (internally U201).

1. PLL CIRCUIT BLOCK DIAGRAM


IF Counter
A/D Converter
D/A Converter
Modul 0
Timer 3
Timer 2
Timer 1
Timer 0
Timer 0
CGP
Serial I/O 0
Serial I/O 1
External RAM Controller
Interupt Control
RF
RAM
896 X 4 BITS
SYSREG
ALU
INSTRUCTION DECODER
One Time PROM 12032X16 BITS
Program Counter
Stack 7 x 14 BITS
CPU
Peripheral
port
PLL
OSC
RESET
16
15
34
35
X-TAL 4.5MHz
FM FRONT END
IF
MIX
VCO
FM RF
6
5
108.8MHZ(98.1MHZ+10.7MHZ)
1450KHZ(1000KHZ+450KHZ)
AM IC
LA1137
SM
DET
IF
VCO
MIX
17
12
20
3
AM RF
VT
VCO RF2 RF1
VCO
FM
INPUT
SIGNAL
98.1MHZ
AM
INPUT
SIGNAL
1000KHZ

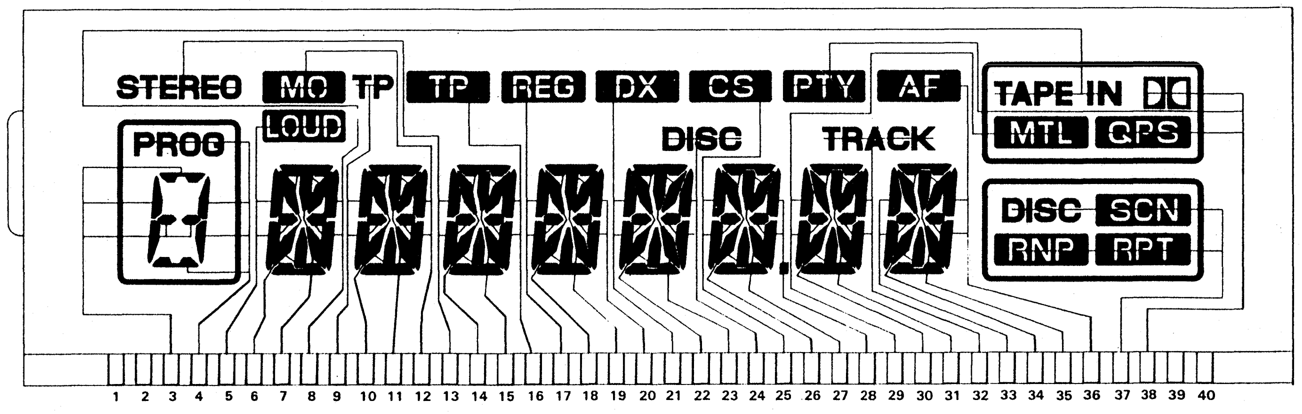
2. SCHEMATIC DIAGRAM OF MICROPROCESSOR


ADC5
ADC4
ADC3
ADC2
ADC1
VSM
FM IF
AM IF
RDS DATA
RDS ID
RDS CLK
RF MUTE
FM ST/MONO
VDD +5V
AM OSC
FM OSC
GND
FM
MW
LW
LO
DOLBY
AMSS
CD-C BUS
BEEP
CD-C BUS
RAMA8
X-OUT
X-IN
CKOUT
RAMA7
RAMA6
RAMA5
RAMA4
RAMA3
RAMA2
RAMA1
RAMA0
RAMD7
RAMD6
RAMD5
RAMD4
RAMD3
RAMD2
RAMD1
RAMD0
RQST
SRAM
SRAM
SRAM DATA
POWER
IND
AUX
SCL
SDA
GND
RAMOE
RAMWE
VDD+5V
TAMODE
LOUD
MUTE
TMUTE
CLK
AD
MODE1
MODE2
METAL
ST
SD
MULT. P
FWD
FF
TAD IN
PHONE IN
D108
R143
R209
D104
R112
C223
C222
C221
C220
R106
D105
R101
R119
R301
C213
R229
R216
C144
R230
C145
C215
X1
C214
R231
D107
R117
R327
R303
IC U103 PIN9
IC U103 PIN10
AM FM ASM
FM IF
AM IF
IC U303 PIN13
IC U303 PIN14
IC U303 PIN12
AF/RF MUTE
FM MONO
Q211
AM OSC
FM OSC
IC Q103
Q104
Q107
Q109
Q101
IC U101 PIN5
Q301
CD BUS
IC U104
IC U401
IC U401
Q115
Q207
IC U401
Q111
IC U103
Q307
FM ST
Q112
IC U401 PIN24. Q212
DECK
Q309
Q304
Q206
U601
uPD7564
T0
T1
T2
K3
K2
K1
K0
T5
T4
T3
R601
X601
C601
C602
C603
R602
K0
K1
K2
K3
T0
T1
T2
T3
T4
T5
S601 OFF
S612 CD
S614 TAPE
S613 BAND
S618 CS/CD I, II
S602 MUTE
S617 LOUD/DX
S618 TP/REG
S609 LEVEL-
S610 LEVEL+
S611 MODE
S621 DS/PTY
S620 AF/MO
S603 M1
S604 M2
S605 M3
S606 M4
S607 M5
S615 M6
S608 UP
S616 DOWN
COM2
COM3
COM4
STEREO
MO
TP
TP
REG
DX
CS
PTY
AF
LOUD
DISC
TRACK
PROG
TAPE IN
MTL
QPS
DISC
SCN
RNP
RPT
1
40
BP1 BP3 S19 S20 S21 S22 S23 S25 S26 S18 S27 S28 S29 S17 S16 S15 S14 S13 S12 S11 S10 S9 S8 S7 S6 S5 S4 S3 S2 S1 S0 S31 S35 S34 S33 S32 S24 S30 BP0 BP2
U602
PCF8576
S35 S34 S33 S32 S31 S30 S29 S28 S27 S26 S25 S24 S23 S22 S21 S20 S19 S18 S17 S16 S15 S14 S13 S12
BP0 BP2 BP1 BP3 S0 S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11
R606
R607
R605

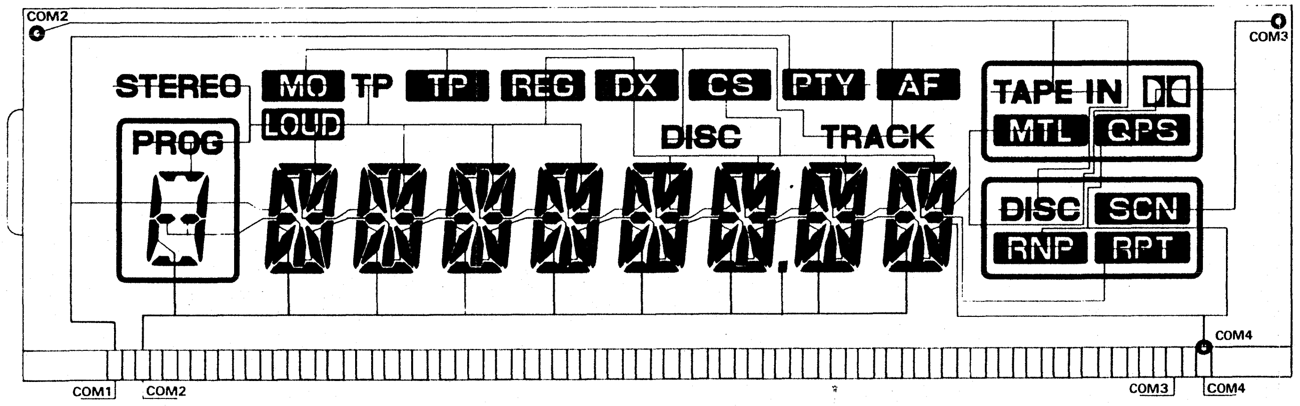
S601 : OFF KEY
S602 : MUTE KEY
S603 : MEMORY 1 KEY
S604 : MEMORY 2 KEY
S605 : MEMORY 3 KEY
S606 : MEMORY 4 KEY
S607 : MEMORY 5 KEY
S608 : SEEK UP KEY
S609 : LEVEL DOWN KEY
S610 : LEVEL UP KEY
S611 : MODE KEY
S612 : CD KEY
S613 : BAND KEY
S614 : TAPE KEY
S615 : MEMORY 6 KEY
S616 : SEEK DOWN KEY
S617 : LOUDNESS KEY
S618 : CS/CD I,II CHANGE KEY
S619 : TP/REG (TRAFFIC PROGRAMME) KEY
S620 : AF/MO (ALTERNATIVE FREG.) KEY
S621 : DS/PTY (PROGRAMME TYPE) KEY

3. LCD DISPLAY INTERNAL DIAGRAM & PIN FUNCTION

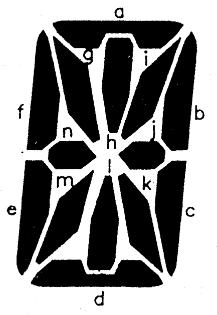
Pin Function


STEREO
MO
TP
TP
REG
DX
CS
PTY
AF
TAPE IN
MTL
QPS
LOUD
PROG
DISC
TRACK
DISC
SCN
RNP
RPT
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

Common


COM2
COM3
STEREO
MO
TP
TP
REG
DX
CS
PTY
AF
TAPE IN
MTL
QPS
LOUD
PROG
DISC
TRACK
DISC
SCN
RNP
RPT
COM4
COM1
COM2
COM3
COM4

Segment

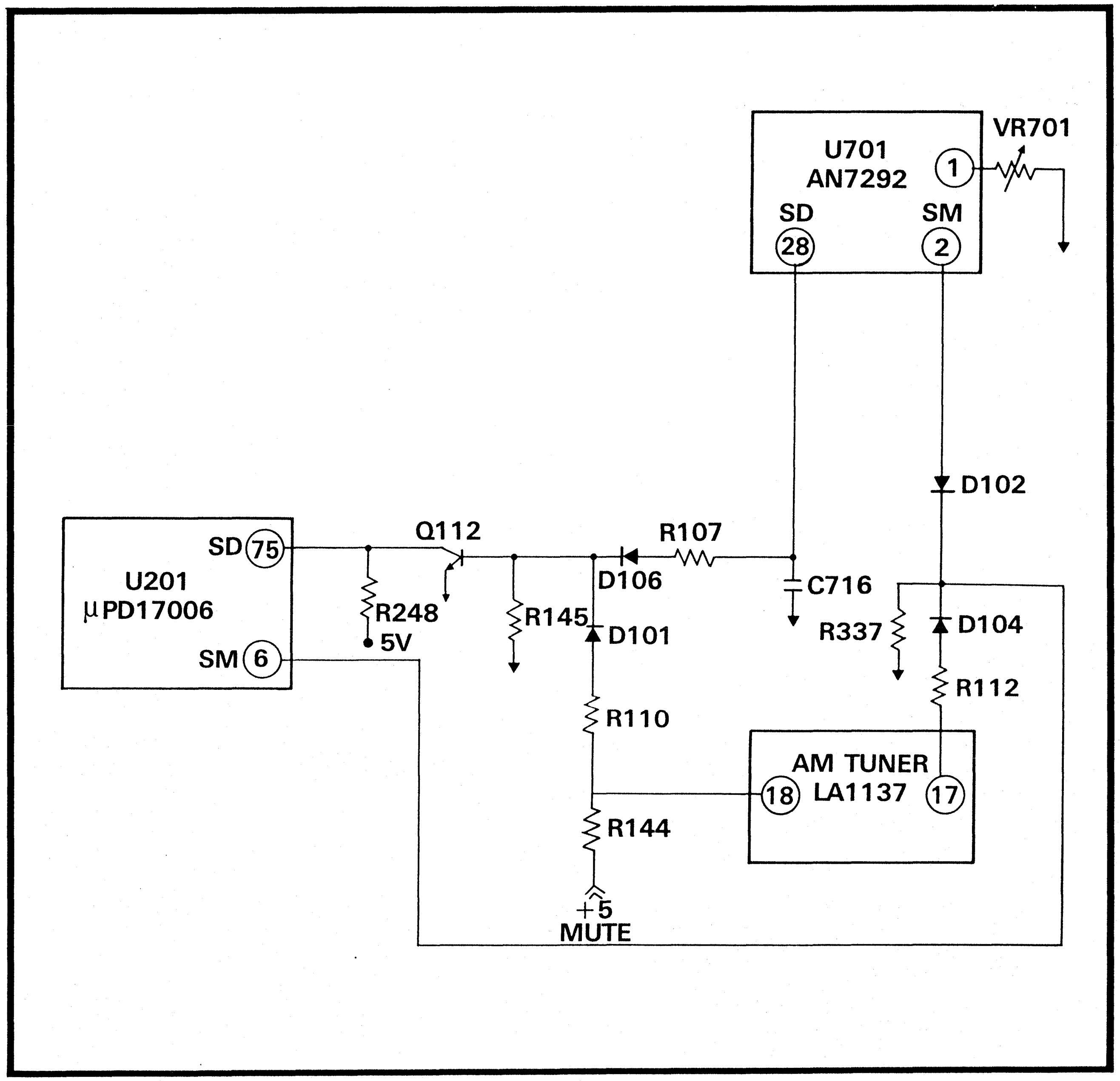

a
g
i
f
b
n
h
j
l
m
k
e
c
d

4. MICROPROCESSOR

Microprocessor circuit U201(μPD 17006) show the Key Matrix consists of Key return signals KO-K3 and key source signals TO-T5. S601-S621 are on the front panel and detachable panel.

The key matrix, consisting of KO-K3 and TO-T5, is connected to the tactile switches.
Source terminals TO-T5 are input terminals which receive the key return signal from KO-K3 of the Key matrix.
Terminals KO-K3 are connected to the ground through the pull-down resistance of U601.

5. AUTO STOP CIRCUIT FOR AUTO TUNING


U701
AN7292
1
VR701
SD
28
SM
2
D102
U201
μPD17006
SD 75
SM 6
Q112
R107
D106
C716
R248
5V
R145
D101
R337
D104
R112
R110
AM TUNER
18
LA1137
17
R144
+5
MUTE

When a signal is detected while in the Auto Tune Mode, a high-level signal is output from pin 16 of LA1137 and a low-level signal is output from pin 28 of U701 FM.
By pin 75 of U201, this signal becomes Low. Seek tuning is stopped and a radio station is received.

ALIGNMENT INSTRUCTIONS

Equipment Required

1. AM/FM Standard Signal Generator
2. FM IF Sweep Generator
3. Stereo Signal Generator
4. Oscilloscope
5. VTVM(Output Meter)
6. DC Power Supply
7. Standard Tape
8. DVM

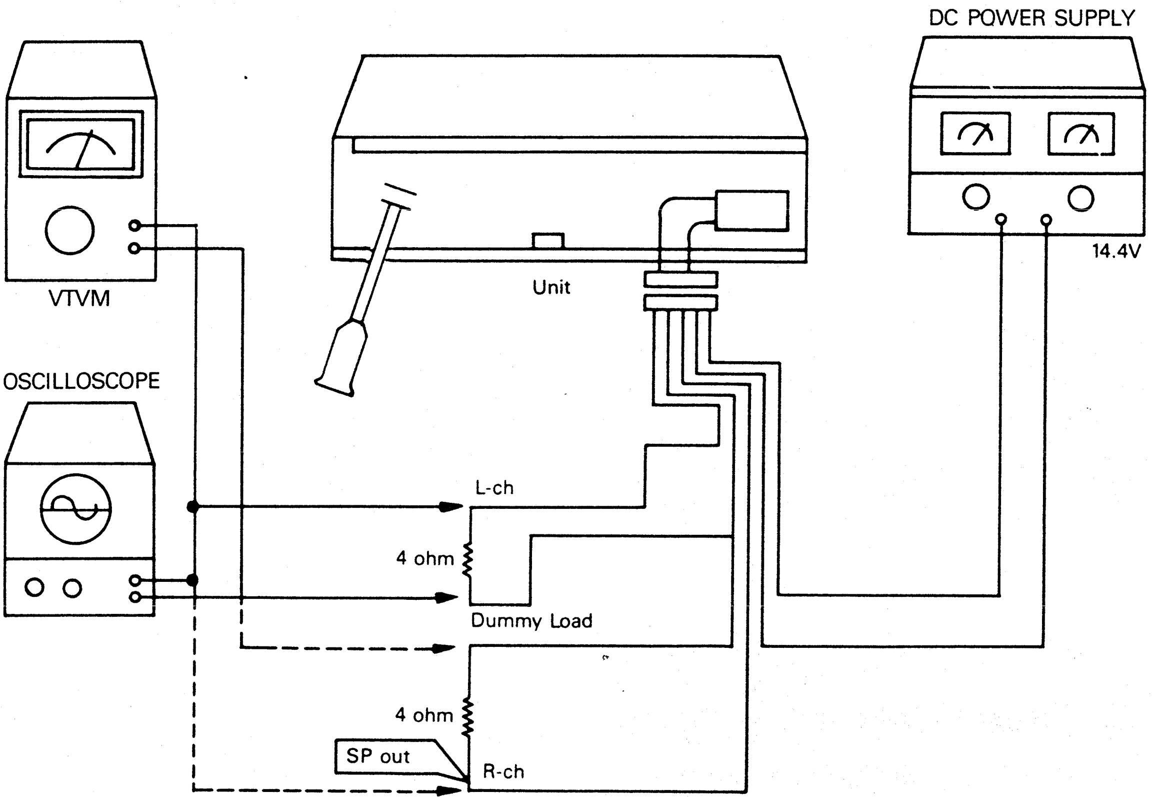
Important :

1. Non-ferrous tools should be used for this alignment.
2. Signal should be kept as low as possilbe to avoid clipping.
3. 400 Hz modulation with 30% amplitude is to be used for AM standard modulator (400 Hz with 22.5 kHz deviation for FM).
4. Output impedance of signal generator should e matched with the impedance of dummy antenna.

Tuner Alignment Pre-setting :

Pre-setting of the freuqency at each adjustment point will make the tunning for easier adjustment.
LW Pre-setting are : 153 kHz, 164 kHz, 218 kHz, 272 kHz, 281 kHz.
MW Pre-setting are : 522 kHz, 603 kHz, 999 kHz, 1404 kHz, 1620 kHz.
FM Pre-setting are : 87.5 MHz, 90.0 MHz, 98.0 MHz, 108.0 MHz.

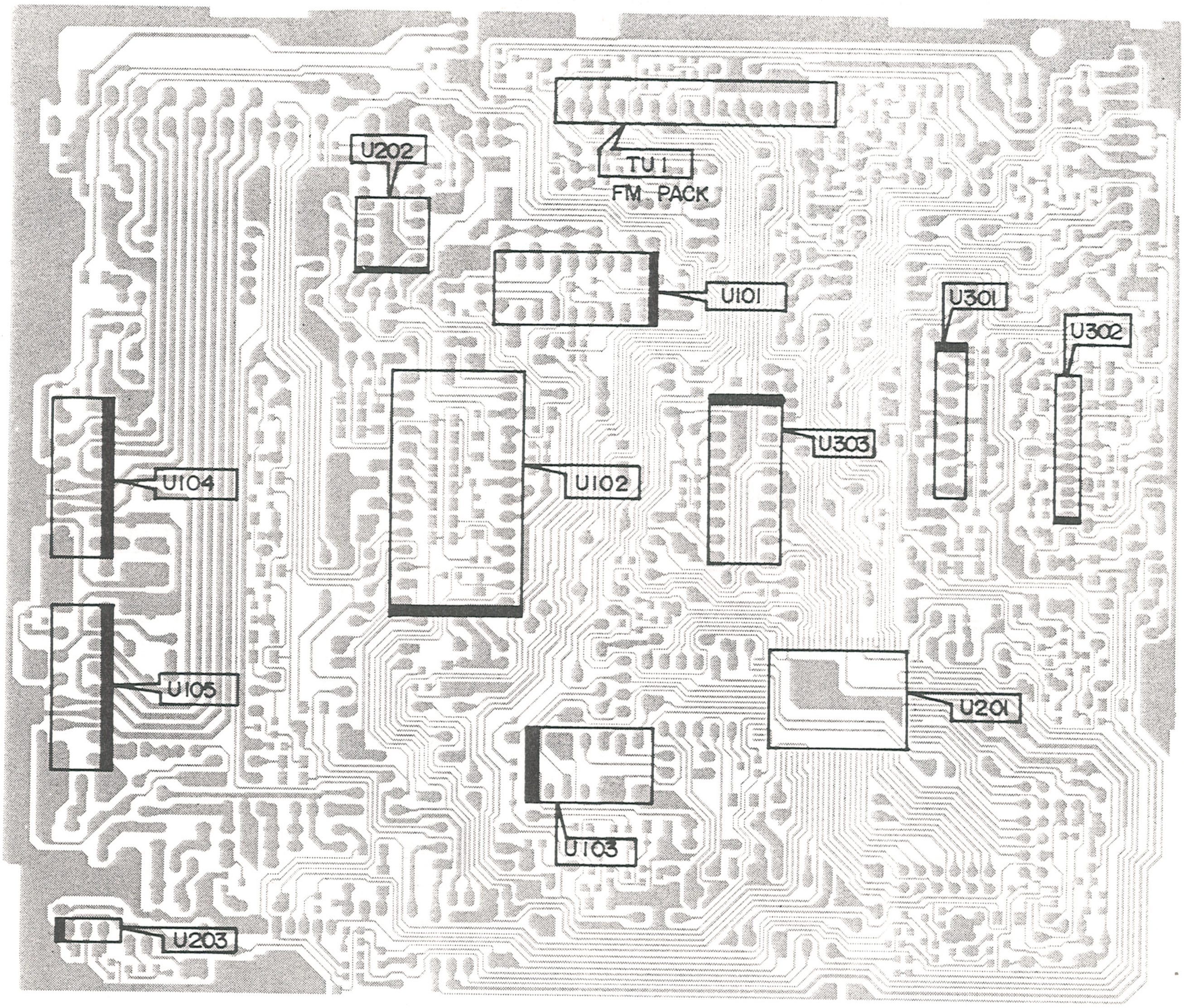
TEST EQUIPMENT CONNECTIONS



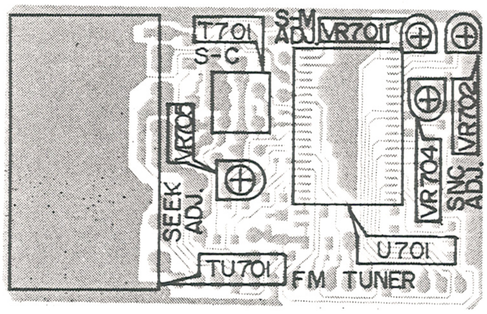
Standard Adjustment Condition

a. Power Supply…………………………… 14.4 V DC
b. LW/MW/FM Selector Switch………… LW/MW or FM
c. Tone Control……………………………… Center
d. Balance Control………………………… Center
e. Volume…………………………………… Adjust to get 1.0W power output level
f. Load impedance………………………… 4 ohm
g. Equipment Connections………………… See about test equipment connection

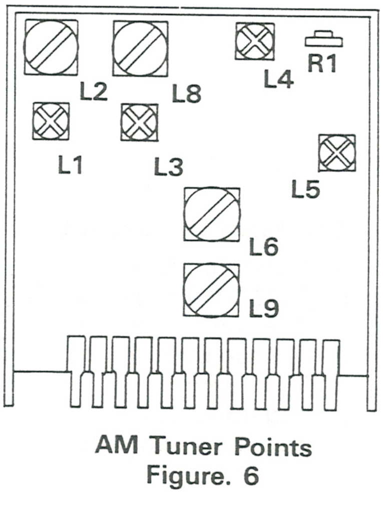
ADJUSTMENT POINTS


U202
TU1
FM PACK
U101
U301
U302
U303
U104
U102
U105
U201
U103
U203

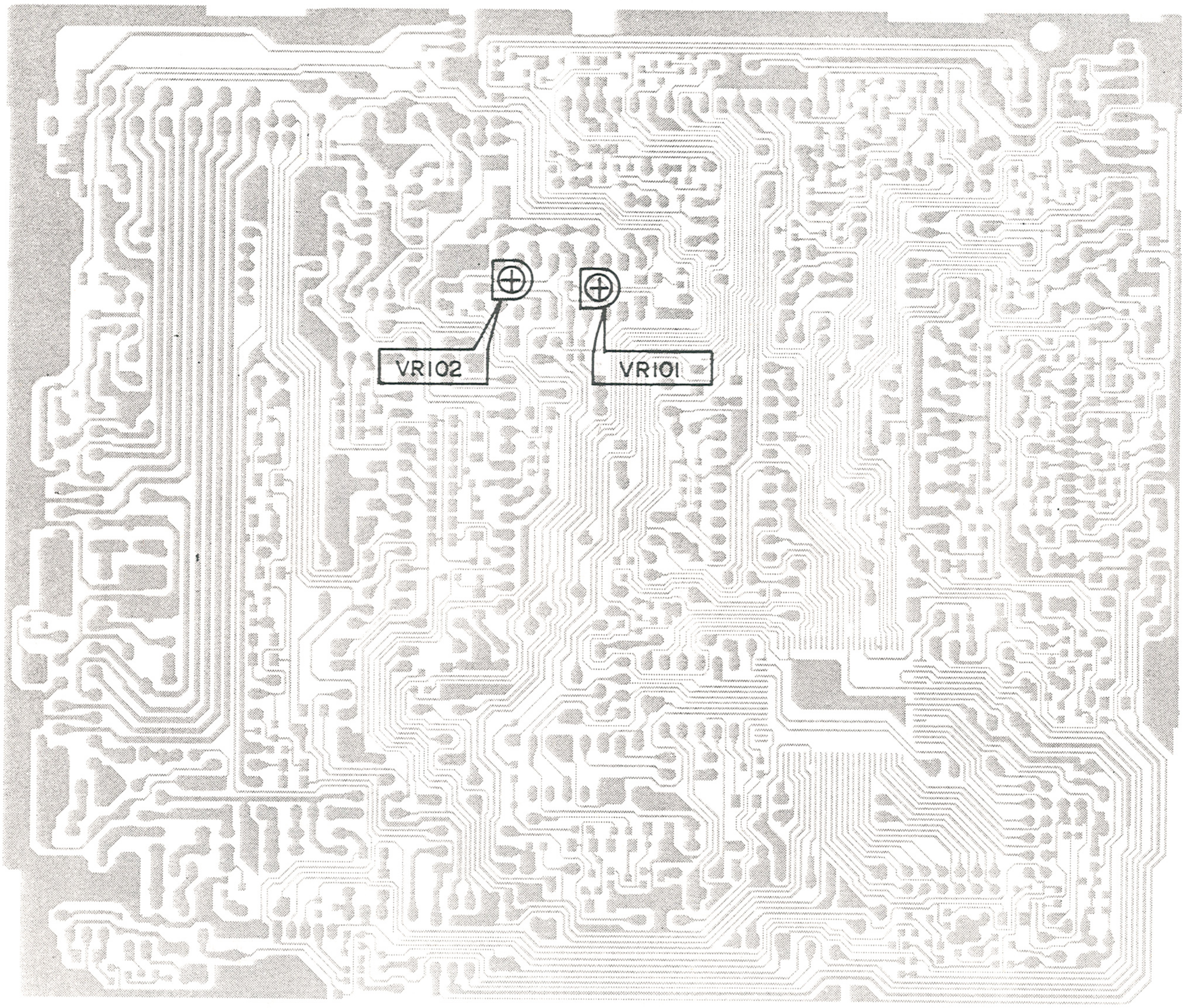
Main Top P.C Board Points
Figure 4


T701
S-C
S-M ADJ
VR701
VR703
SEEK ADJ.
VR704
VR702
SINC ADJ.
U701
TU701
FM TUNER

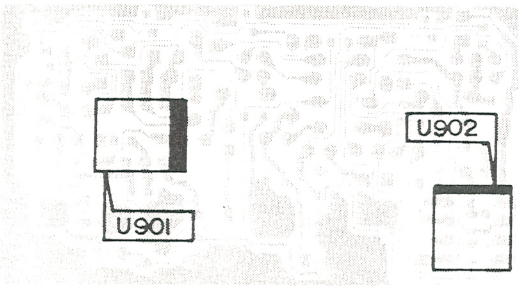
FM Tuner Pack P.C Board Points
Figure. 5


L2
L8
L4
R1
L1
L3
L5
L6
L9

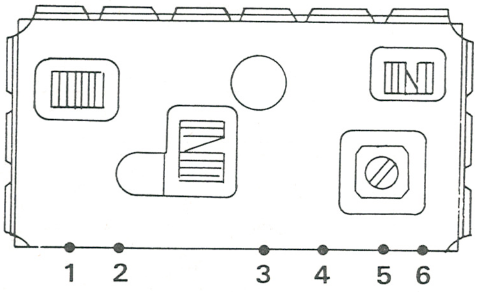
AM Tuner Points
Figure. 6


VR102
VR101

Main Bottom P.C Board Points
Figure 7



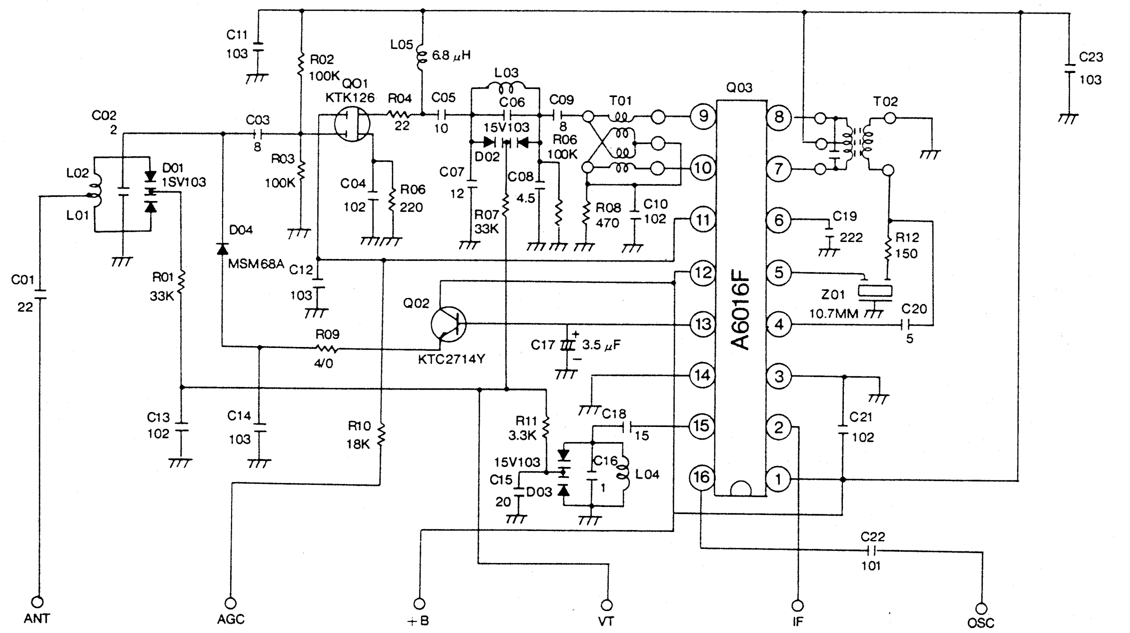
Line out Top P.C Board Ponts
Figure 9



FM Front-end Point
Figure 10

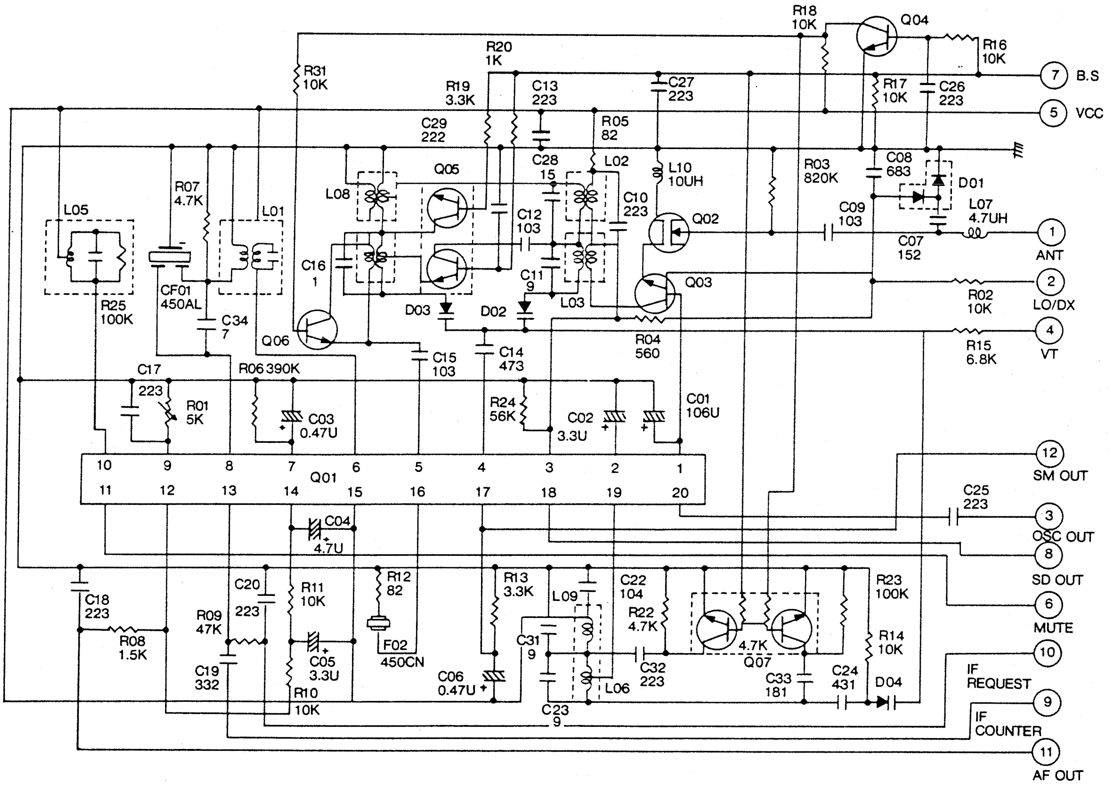
MW/LW/FM TUNER SCHEMATIC DIAGRAM

FM TUNER : KCF 204H



C11
103
R02
100K
Q01
KTK126
L05
6.8 μH
L03
C05
10
R04
22
C06
15V103
C09
8
T01
Q03
C02
2
C03
8
R03
100K
D02
R06
100K
L02
L01
D01
1SV103
C04
102
R06
220
C07
12
C08
4.5
R07
33K
R08
470
C10
102
D04
MSM68A
C12
103
C01
22
R01
33K
Q02
KTC2714Y
R09
4/0
C17
3.5 μF
C13
102
C14
103
R10
18K
R11
3.3K
C18
15
15V103
C15
20
D03
C16
1
L04
A6016F
T02
C19
222
R12
150
Z01
10.7MM
C20
5
C21
102
C22
101
C23
103
ANT
AGC
+B
VT
IF
OSC

MW/LW TUNER : KCA 333UA



R18
10K
Q04
R16
10K
R20
1K
R31
10K
R19
3.3K
C13
223
C27
223
R17
10K
C26
223
7 B.S
5 VCC
C29
222
R05
82
R03
820K
C08
683
D01
L07
4.7UH
L05
R07
4.7K
L01
L08
Q05
C28
15
L02
L10
10UH
C12
103
C10
223
Q02
C09
103
C07
152
1 ANT
C16
1
C11
9
L03
Q03
2 LO/DX
R02
10K
CF01
450AL
R25
100K
C34
7
Q06
D03
D02
R04
560
C15
103
C14
473
R15
6.8K
4 VT
C17
223
R06 390K
R01
5K
C03
0.47U
R24
56K
C02
3.3U
C01
106U
Q01
12 SM OUT
C25
223
3 OSC OUT
C04
4.7U
8 SD OUT
C18
223
C20
223
R11
10K
R12
82
R13
3.3K
L09
C22
104
R23
100K
R08
1.5K
R09
47K
C05
3.3U
F02
450CN
R22
4.7K
4.7K
Q07
6 MUTE
R14
10K
C19
332
R10
10K
C06
0.47U
C31
9
L06
C32
223
C33
181
C24
431
D04
10 IF REQUEST
9 IF COUNTER
C23
9
11 AF OUT

FM ADJUSTMENT

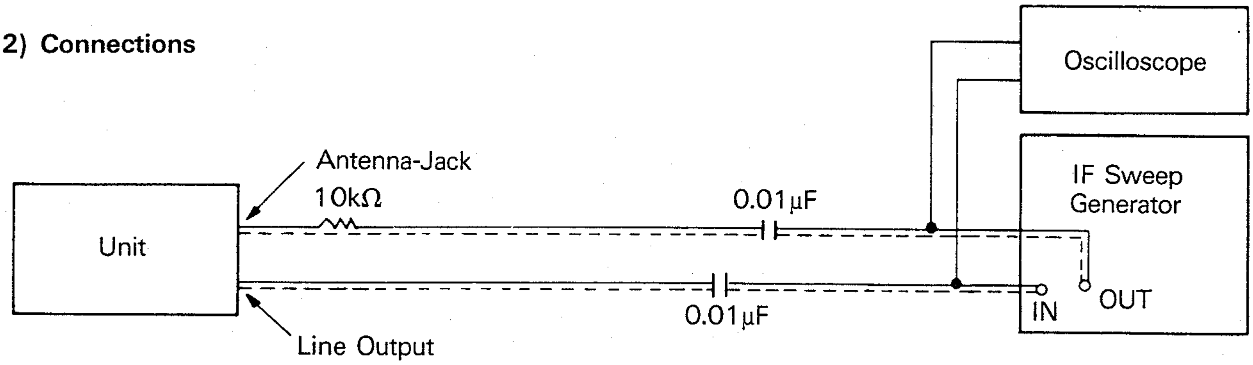
IF Adjustment

1) Setting

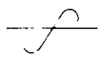
Band Selector : FM-ST
Local/DX Selector : DX
Tone Control : Center

Volume Control : Min.
Balance Control : Center

2) Connections


Oscilloscope
IF Sweep Generator
Antenna-Jack
10kΩ
0.01μF
Unit
0.01μF
Line Output
IN
OUT

3) Adjustment

Signal Generator	Dial Setting	Adjust	Reading	Remarks
10.7 MHz	98.0 MHz	T 701 FM-IFT		Adjust the **FM-IFT** slowly clockwise and counter clockwise so that the output wave becomes a symmetrical sinewave.

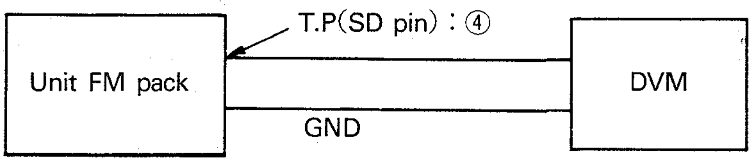
Seek Sensitivity Adjustment

1) Setting

Band Selector : FM-MO
Local/DX selector : DX
Tone Control : Center

Volume Control : Min
Balance Control : Center

2) Connections


T.P(SD pin) : ④
Unit FM pack
DVM
GND

3) Adjustment

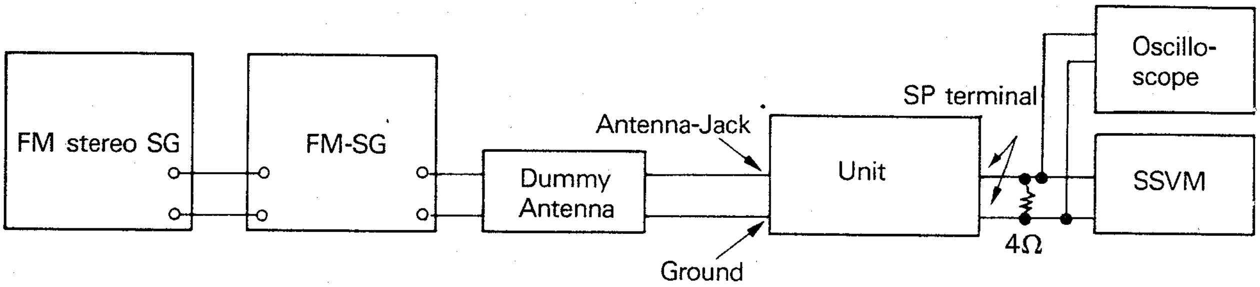
Adjust	Reading	Remarks	Remarks
VR 705	1.55V	When the seek button press	See **Figure. 5** for adjustment point(VR705)

Soft Mono Adjustment

1) Setting

Band Selector : FM-ST
Local/DX Selector : DX
Tone Control : Max.
Volume Control : Approximately Center
Balance Control : Center

2) Connections


FM stereo SG
FM-SG
Dummy Antenna
Antenna-Jack
Ground
Unit
SP terminal
4Ω
Oscillo-scope
SSVM

3) Adjustment

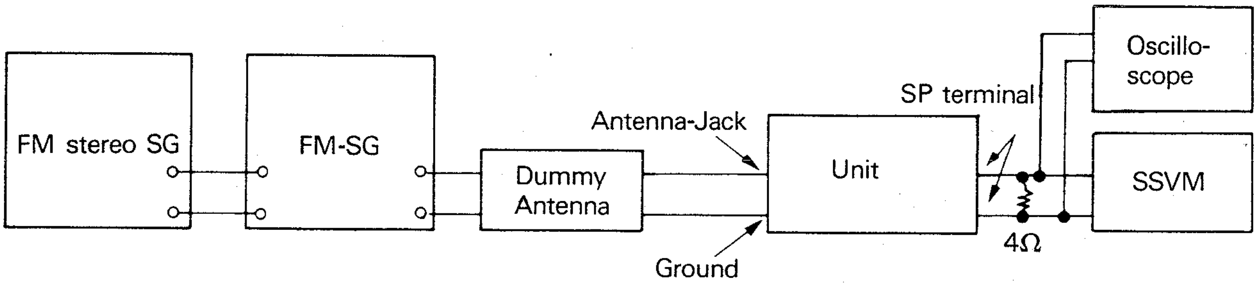
Signal Generator		Setting	Adjust	Reading	Remarks
Frequency	Modulation				
98.0 MHz	Pilot : 19 kHz 10% L+R : 1 kHz 90%	98.0 MHz	VR702	R-CH : −10dB	See **Figure. 5** for adjustment.

Separation Adjustment

1) Setting

Band Selector : FM-ST
Local/DX Selector : DX
Tone Control : Center
Volume Control : Approximately Center
Balance Control : Center

2) Connections


FM stereo SG
FM-SG
Dummy Antenna
Antenna-Jack
Ground
Unit
SP terminal
4Ω
Oscillo-scope
SSVM

3) Adjustment

Item	Signal Generator		Setting	Adjust	Reading	Remarks
	Frequency	Modulation				
1	98.0MHz, 1mV	Pilot : 19 kHz 10% L+R : 1 kHz 90%	98.0 MHz	VR704	R-CH : Min.	See **Figure. 5** for adjustment point.
2		Pilot : 19 kHz 10% L+R : 1 kHz 90%		VR704	L-CH : Min.	

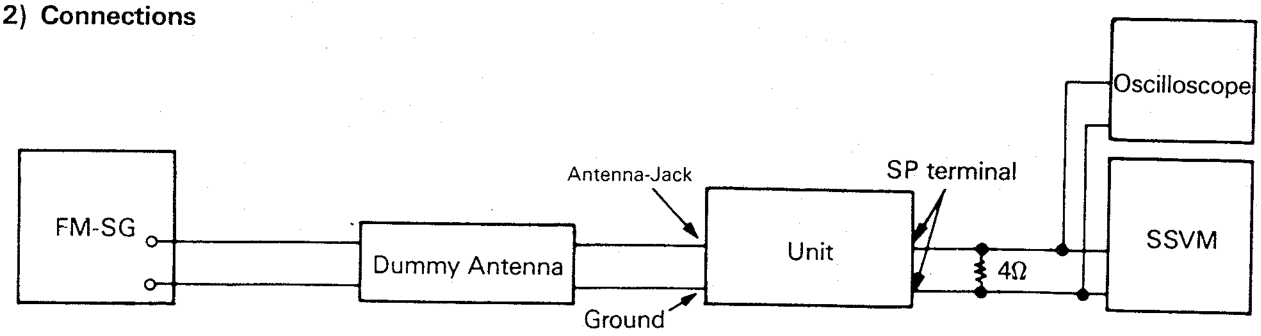
MW/LW IF/Tracking Adjustment

1) Setting

Band Selector : LW/MW
Tone Control : Center

Volume Control : Approximately Center
Balance Control : Center

2) Connections



FM-SG
Dummy Antenna
Antenna-Jack
Ground
Unit
SP terminal
4Ω
Oscilloscope
SSVM

3) Adjustment

Item		Signal Generator		Setting	Adjust	Reading	Remarks
		Frequency	Modulation				
1	Tracking	218 kHz	1 kHz 30% 30μV, Mod.	218 kHz	L2, L8	Max.	See **Figure. 6** for adjustment point
2	OSC Coil	144 kHz	1 kHz 30% 30μV, Mod.	144 kHz	L9	1.0V	

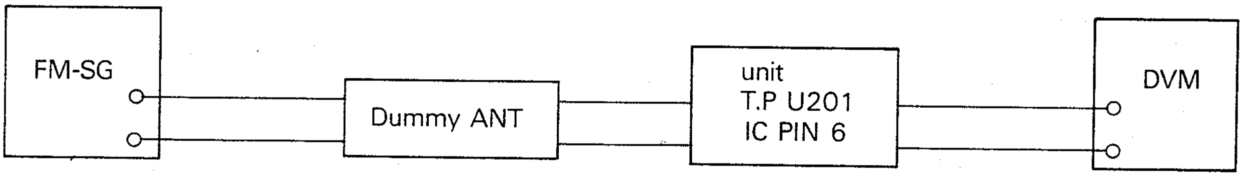
RDS Adjustment

1) Setting

Band Selector : FM-ST
Local/DX Selector : DX
Tone Control : Center

Balance : Center

2) Connections



FM-SG
Dummy ANT
unit
T.P U201
IC PIN 6
DVM

3) Adjustment

Item	Setting	Adjust	Reading	Remarks
RDS LEVEL	FM 98.0 MHz 1 kHz-37.5 kHz	VR701 OF FM PACK	AT 25dB 2V	See **Figure. 5** for adjustment point (VR701)

4) MW Adjustments

Item		Signal Generator		Setting	Adjust	Reading	Remarks
		Frequency	Modulation				
1	OSC Coil	522 kHz	1 kHz 30% 30μV, Mod.	522 kHz	L6	1.0V	See for adjustment point.
2	IF	450 kHz	1 kHz 30% 30μV, Mod.	450 kHz	L4, L5	Max.	See **Figure. 6** for adjustment point
3	Tracking	603 kHz	1 kHz 30% 30μV, Mod.	603 kHz	L1, L3	Max.	

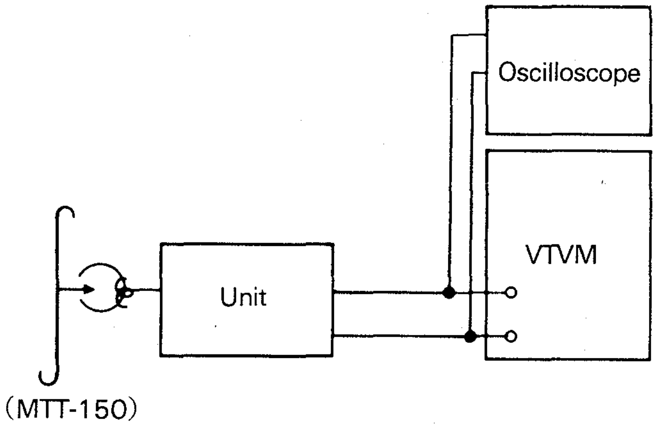
Dolby Level Adjustment(only 926)

1) Setting

Playback mode
Tape selector : Normal

Tone Control : Center
Balance : Center

2) Connection



3) Adjustment

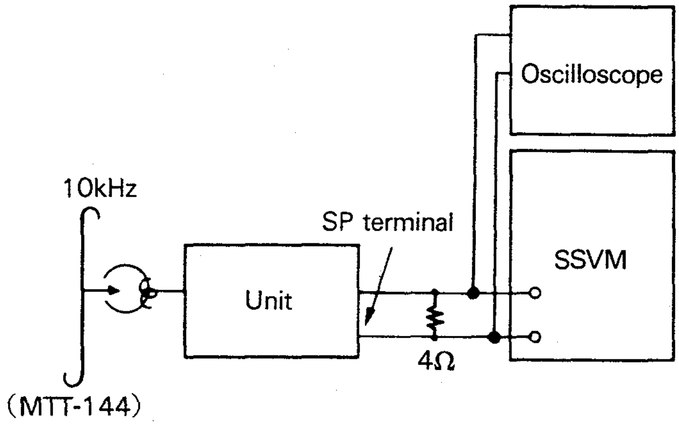
Playback a set test tape(MTT-150) and adjust the VR101, VR102 for Dolby output 450mV.

Head Azimuth Adjustment

1) Setting

Playback mode
Tape Selector : Normal
Tone Control : Max.
Volume Control : Apppproximately Center
Balance Control : Center

2) Connections


Oscilloscope
10kHz
SP terminal
SSVM
Unit
4Ω
(MTT-144)

3) Adjustment

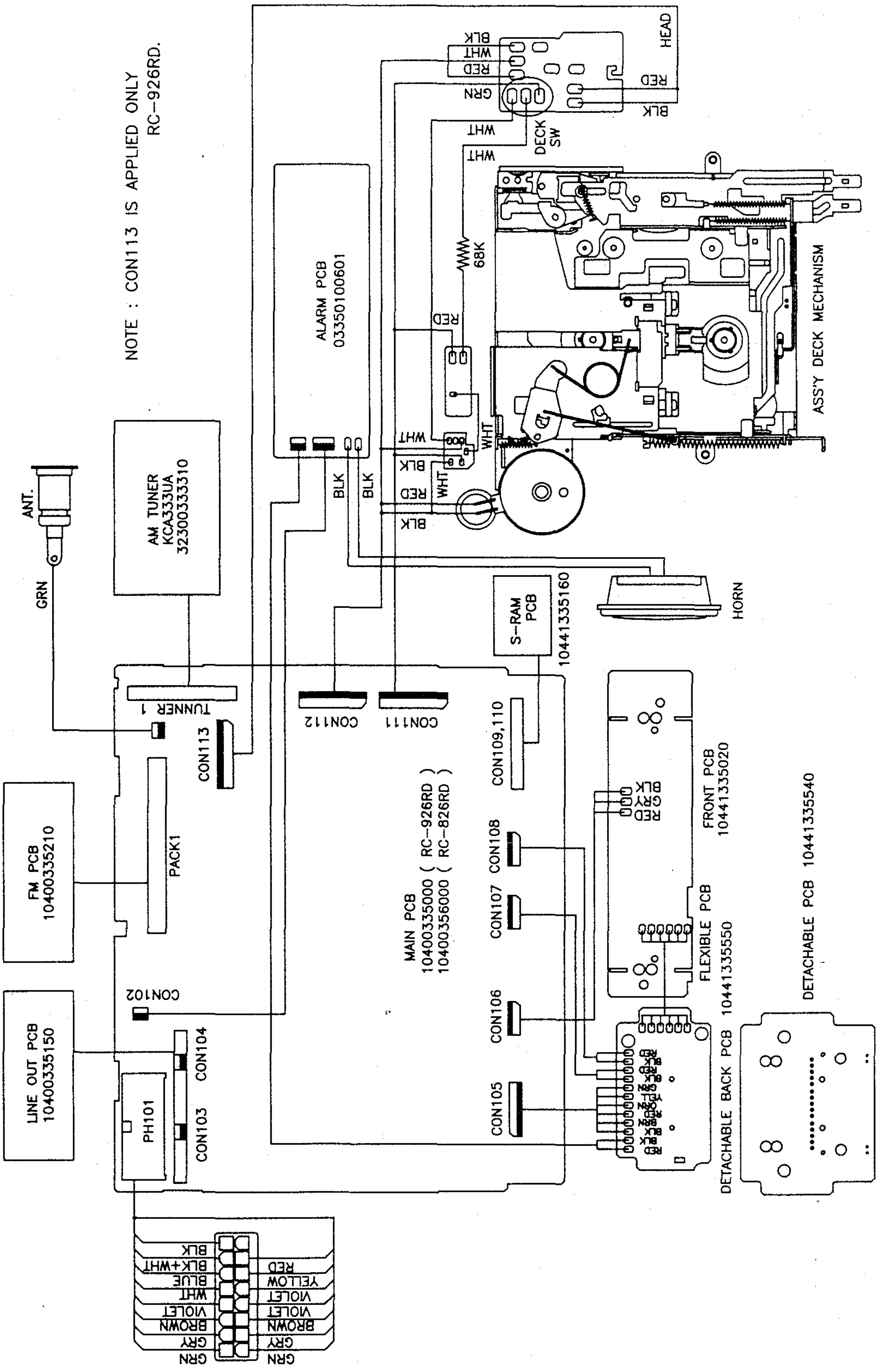
Playback a set test tape (MTT-114, 10 kHz) and adjust the azimuth adjustment screw for maximum output.

TROUBLESHOOTING

Symptom	Probable Cause	Remedy
No sound at all	1) Faulty DC power cord 2) Defective power switch 3) Blown primary fuse 4) Defective U104, 105	1) Replace. 2) Replace. 3) Replace. 4) Replace.
Display does not work	1) Broken display panel 2) Defective stabilizer (U204, Q209)	1)Replace. 2)Replace.
Display works but no sound	1) Defective power U104,105 2) Defective component of power supply circuit 3) Defective U102 of the audio circuit	1) Replace. 2) Replace. 3) Replace.
Blown fuse	1) Defective power supply circuit 2) Short circuits in power U104, 105	1) Check and replace. 2) Replace.
No output on the channel with volume at maximum and balance at center when a test signal is applied.	1) Defective main amp. U104,105 2) Defective main amp. circuit/component(s)	1)Replace. 2)Fix or replace the defective circuit(s) and component(s).
No LW/MW	1) Poor contact in selector swtich 2) Defective LW/MW Tuner Pack 3) Defective controller circuits and component(s)	1) Repair or replace. 2) Replace. 3) Fix and replace the defective circuit(s) and component(s).
No FM	1) Defective FM pack 2) Poor contact in selector switch 3) Defective U701 4) Defective controller circuits and component(s)	1) Replace. 2) Repair or replace. 3) Replace. 4) Fix and replace the defective circuit(s) and component(s).
RDS does not work	1) Poor contact in Selector switch 2) Defective U303 3) Defective controller circuits and component(s)	1) Repair or replace. 2) Replace. 3) Fix or replace the defective circuit(s) and component(s).
AUTO SEEK does not work (LW/MW or FM)	1) Poor contact in AUTO SEEK/ MANUAL switch 2) In FM mode, defective FM pack. 3) In LW/MW Mode, defective D101, Q112 and LW/MW Tuner Pack.	1)Repair or replace. 2)Replace the defective part(s). 3)Replace the defective part(s).

Symptom	Probable Cause	Remedy
MANUAL, TUNE does not work (UP/DOWN)	1) Poor contact in MANUAL switch 2) Poor contact in MANUAL UP/DOWN key	1) Repair or replace. 2) Replace.
MEMORY setting (Keys 1-6) does not work	Poor contact in auto memory set key(C/S)	Repair or replace.
Lamp does not light up.	Defective lamp	Replace.
TONE has no effect (Bass, Treble)	Defective TONE control IC(s) U102	Fix and replace the defective circuit(s) and component(s).
STEREO display or FM stereo does not work	Defective U701	Replace.
No tape sound	1) Motor-Dead a) Defective b) Open motor leads 2) Defective tape head 3) Drive belt OFF 4) Defective U302	1) Replace or repair a) Replace b) Soldering 2) Replace. 3) Hook the belt. If OFF again, replace 4) Replace.
Back-up lead is connected, but Memory setting does not work	Defective Transistor Q113 and Diode D113.	Replace.

WIRING DIAGRAM



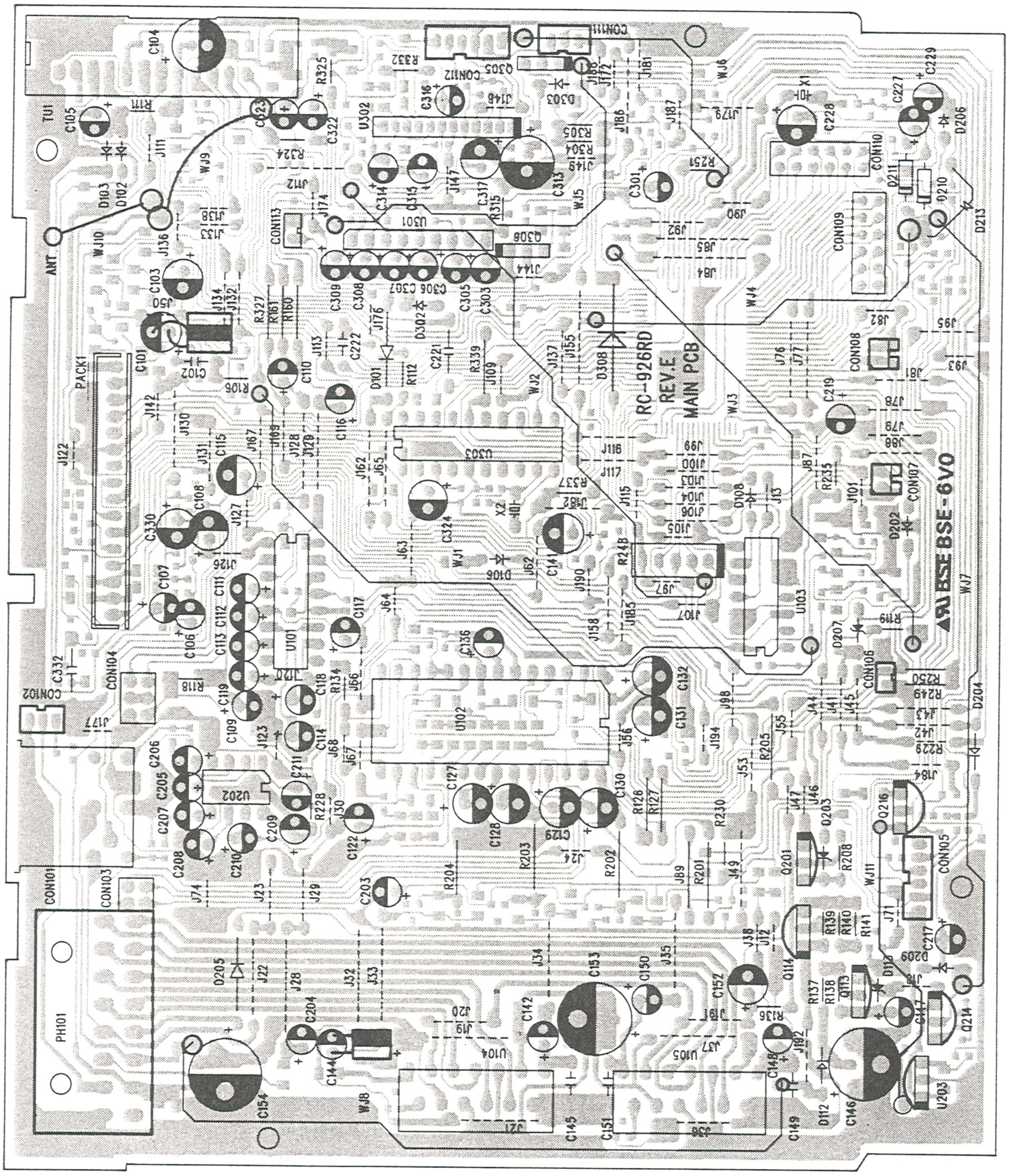
NOTE : CON113 IS APPLIED ONLY RC-926RD.

HEAD
RED
BLK
GRN
RED
WHT
BLK
DECK SW
WHT
WHT
68K
RED
ASS'Y DECK MECHANISM
WHT
BLK
RED
WHT
WHT
BLK
ALARM PCB
03350100601
BLK
BLK
HORN
ANT.
GRN
AM TUNER
KCA333UA
32300333310
S-RAM PCB
10441335160
TUNNER 1
CON113
CON112
CON111
CON109,110
FRONT PCB
10441335020
BLK
GRY
RED
CON108
CON107
CON106
CON105
MAIN PCB
10400335000 (RC-926RD)
10400356000 (RC-826RD)
FM PCB
10400335210
PACK1
FLEXIBLE PCB
10441335550
DETACHABLE PCB 10441335540
LINE OUT PCB
10400335150
CON102
CON104
CON103
PH101
DETACHABLE BACK PCB 10441335550
RED
BLK
RED
BLK
GRN
YEL
ORN
RED
BLK
GRN
BLK
RED
BLK
BLK+WHT
BLUE
WHT
VIOLET
BROWN
GRY
GRN
RED
YELLOW
VIOLET
VIOLET
BROWN
GRY
GRN

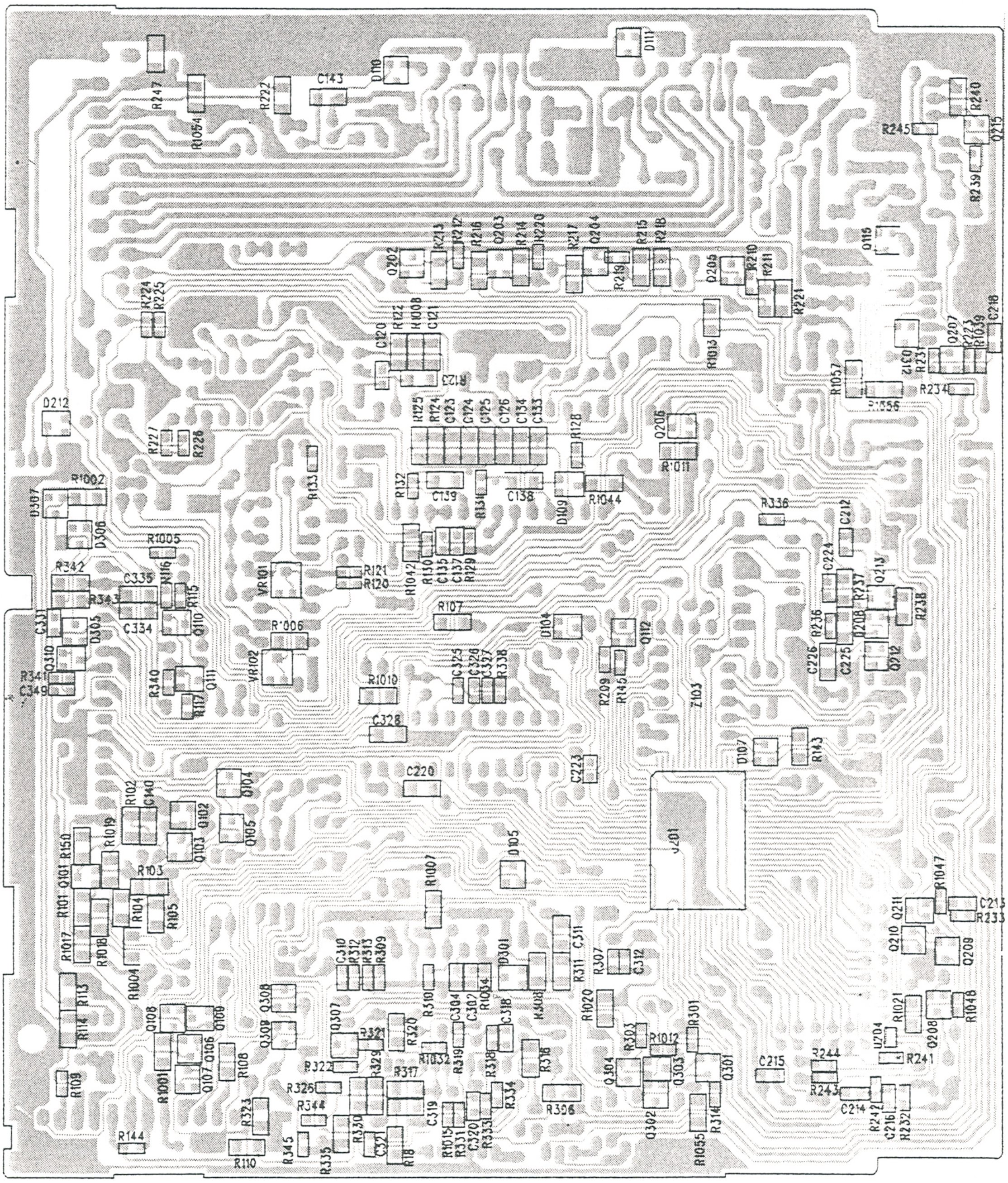
TOP AND BOTTOM VIEW OF P.C BOARDS

MAIN P.C BOARD (RC-926RD)

−TOP VIEW−

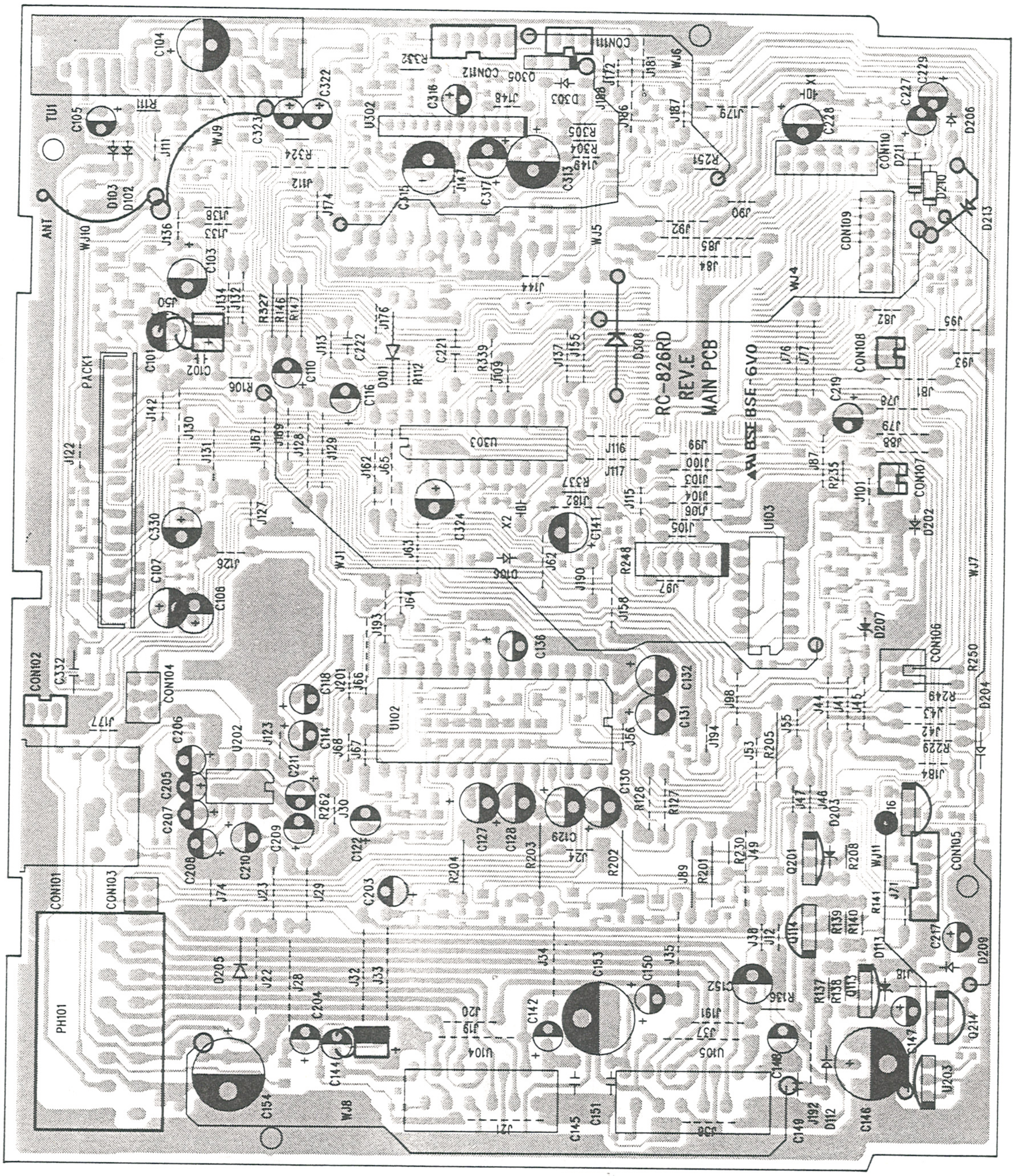

RC-926RD
REV.E
MAIN PCB
BSE-6VO
TU1
ANT
PACK1
PH101
U101
U102
U103
U104
U105
U202
U203
U301
U302
U303
CON101
CON102
CON103
CON104
CON105
CON106
CON107
CON108
CON109
CON110
CON111
CON112
CON113
X1
X2

– BOTTOM VIEW –

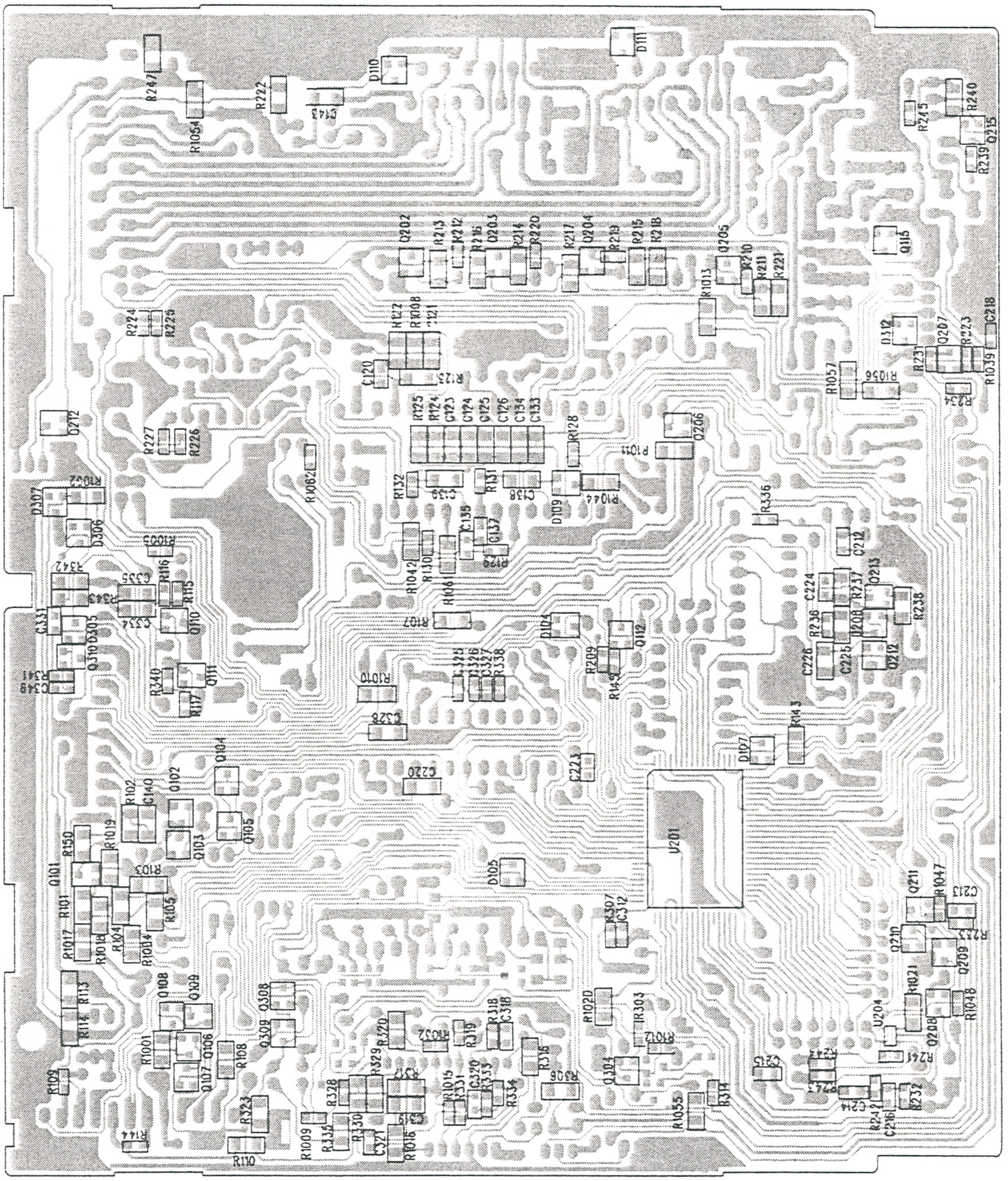


MAIN P.C BOARD (RC-826RD)

–TOP VIEW–


RC-826RD
REV.E
MAIN PCB
BSE-6V0
ANT
TU1
PACK1
PH101
CON101
CON102
CON103
CON104
CON105
CON106
CON107
CON108
CON109
CON110
CON111
CON112
U102
U103
U104
U105
U202
U203
U302
U303
X1
X2
C101
C102
C103
C104
C105
C106
C107
C110
C114
C116
C118
C122
C127
C128
C129
C130
C131
C132
C136
C141
C142
C144
C145
C146
C147
C148
C149
C150
C151
C152
C153
C154
C203
C204
C205
C206
C207
C208
C209
C210
C211
C217
C219
C221
C222
C227
C228
C229
C313
C315
C316
C317
C322
C323
C324
C330
C332
D101
D102
D103
D111
D112
D202
D203
D204
D205
D206
D207
D209
D210
D211
D213
D303
D305
D306
D308
Q113
Q201
Q214
U114
R106
R111
R112
R126
R127
R136
R137
R138
R139
R140
R141
R146
R147
R201
R202
R203
R204
R205
R208
R229
R230
R235
R248
R249
R250
R251
R262
R304
R305
R324
R327
R332
R337
R339
WJ1
WJ4
WJ5
WJ6
WJ7
WJ8
WJ9
WJ10
WJ11

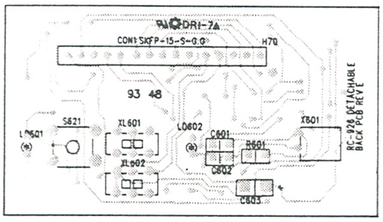
— BOTTOM VIEW —

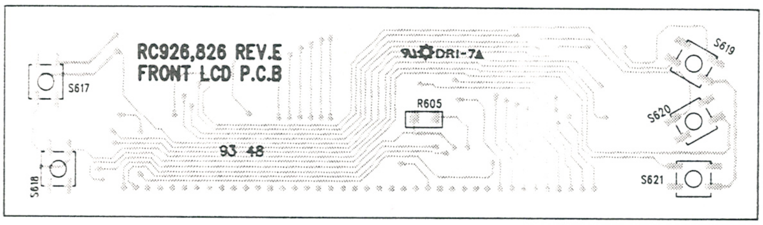


R247
R1054
R222
C141
D110
D111
R245
R240
R239
Q215
Q202
R213
R212
R216
Q203
R214
R220
R217
Q204
R219
R215
R218
Q205
R210
R211
R221
R1013
Q115
D112
Q207
R223
C218
R231
R1039
R234
R1057
R1056
R224
R225
R122
R1008
R121
R123
C120
R125
R124
C123
C124
C125
C126
C134
C133
R128
R1011
Q206
Q212
R227
R226
R1082
R132
C136
R131
C138
D109
R1044
R336
Q307
R1002
Q306
R1003
C135
Q137
R129
R1042
R130
R106
R342
C335
R116
R115
R343
C334
Q110
C212
R237
C224
Q213
R236
R238
C331
Q305
Q310
R107
D112
R209
Q112
C226
C225
R201
Q212
R341
C349
R340
Q111
R117
R1010
C325
C326
C327
R338
R145
C328
R143
D107
Q104
C220
C223
R102
C140
Q102
R1019
Q105
R150
Q103
Q101
R103
D105
U201
R101
R105
R104
R1017
R1018
R1014
R307
C312
Q211
R1047
C213
Q210
R233
Q209
R113
Q108
Q109
Q308
R114
R1001
Q106
R108
Q309
R320
R1032
R315
R318
C318
R1020
IR303
R1012
R1021
Q204
Q208
R1048
R109
Q107
R329
R328
R1015
R331
C320
R333
R334
R316
R306
Q304
C215
R241
R243
R244
R323
R1035
R314
C214
R242
C216
R232
R144
R330
C321
R1016
R1009
R332
R110

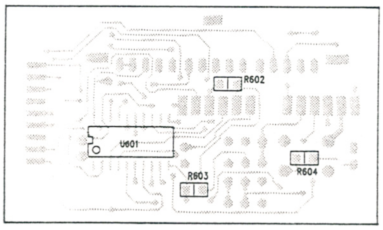
FRONT P.C BOARD (RC-926, RC-826RD)

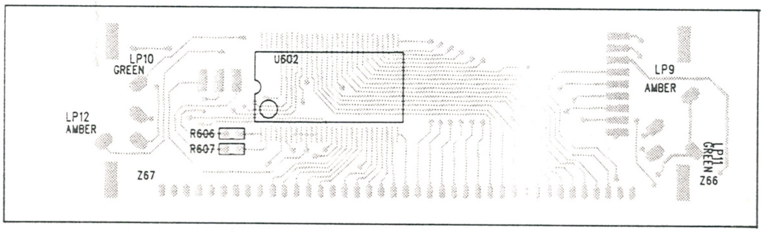
—TOP VIEW—


DRI-7A
CON1 SKFP-15-S-G.G
H70
93 48
S621
XL601
LD602
X601
LP601
C601
R601
XL602
C602
C603
RC-926 DETACHABLE BACK PCB REV.E


RC926,826 REV.E
FRONT LCD P.C.B
DRI-7A
S617
S618
R605
93 48
S619
S620
S621

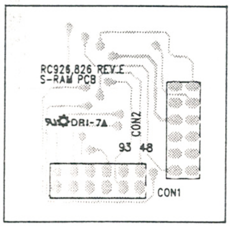
—BOTTOM VIEW—


R602
U601
R603
R604

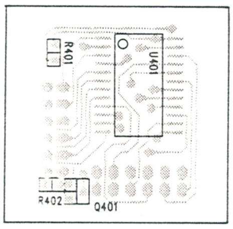

LP10
GREEN
U602
LP9
AMBER
LP12
AMBER
R606
R607
LP11
GREEN
Z67
Z66

S-RAM P.C. BOARD (RC-926, RC-826RD)

—TOP VIEW—

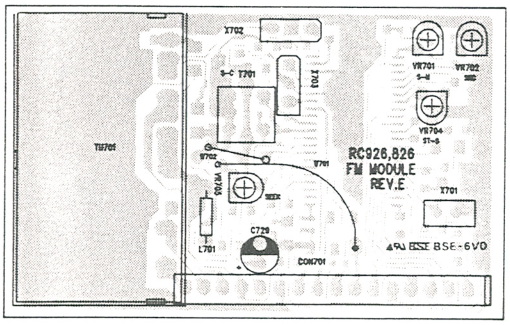

RC926,826 REV.E
S-RAM PCB
DRI-7A
CON2
93 48
CON1

—BOTTOM VIEW—

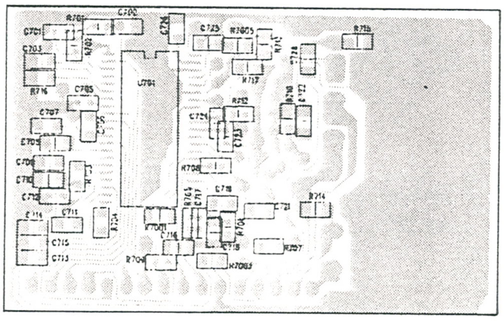

R401
U401
R402
Q401

FM PACK P.C BOARD (RC-926, RC-826RD)

—TOP VIEW—

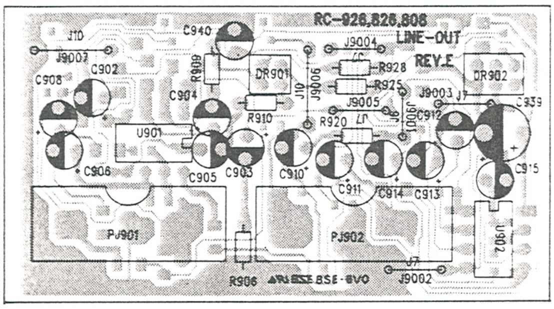

TU701
X702
T701
X703
VR701
VR702
VR704
VR703
RC926,826
FM MODULE
REV.E
X701
L701
C729
CON701
BSE BSE-6VO

—BOTTOM VIEW—

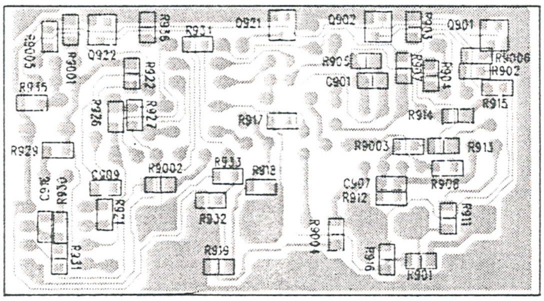

C701
C703
C702
C723
R7005
R716
U701
R717
C707
C705
C724
C706
C710
C712
C711
C716
C715
C713
C718
R714
R707
R704
R7003

LINE OUT P.C BOARD (RC-926RD)

−TOP VIEW−

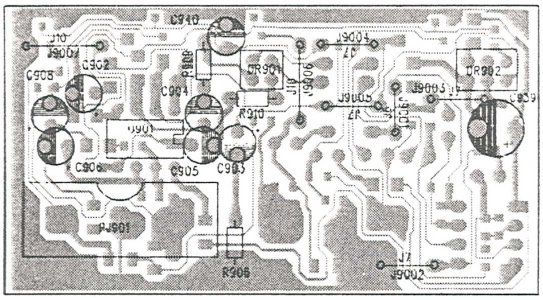

RC-926,826,808
LINE-OUT
REV.E
J10
J9007
C940
C902
C908
R909
DR901
C904
J9004
R928
R925
J9005
J9003
J7
DR902
C939
R910
R920
C912
U901
C906
C905
C903
C910
C911
C914
C913
C915
PJ901
PJ902
U902
R906
J9002

−BOTTOM VIEW−


C905
R936
R921
Q921
Q922
Q902
Q901
R9001
R922
R927
R905
R9006
R902
C901
R935
R926
R917
R914
R915
R929
R9003
R913
C909
R9002
R933
R918
C907
R912
R908
R932
R9004
R911
R919
R916
R901
R931

LINE OUT P.C. BOARD (RC-826RD)

−TOP VIEW−


C940
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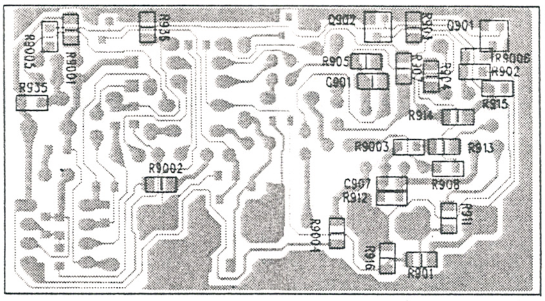
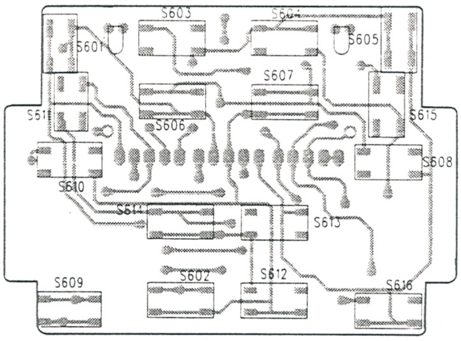
J9004
C908
C902
R909
DR901
C904
J7
DR902
J9003
C939
J9005
R910
U901
C906
C905
C903
PJ901
R906
J7
J9002

−BOTTOM VIEW−


R936
Q902
Q901
R9005
R9001
R905
R9006
R902
C901
R935
R915
R914
R9003
R913
R9002
C907
R912
R908
R911
R9004
R916
R901

DETACHABLE P.C BOARD(RC-926, RC-826RD)

−TOP VIEW−


S603
S604
S601
S605
S607
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S615
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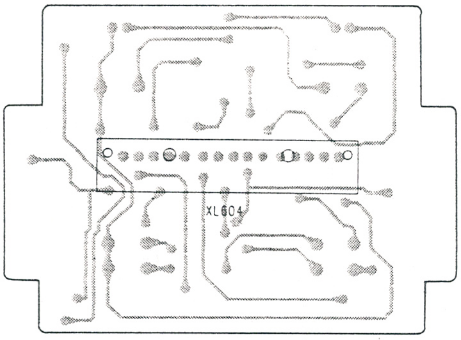
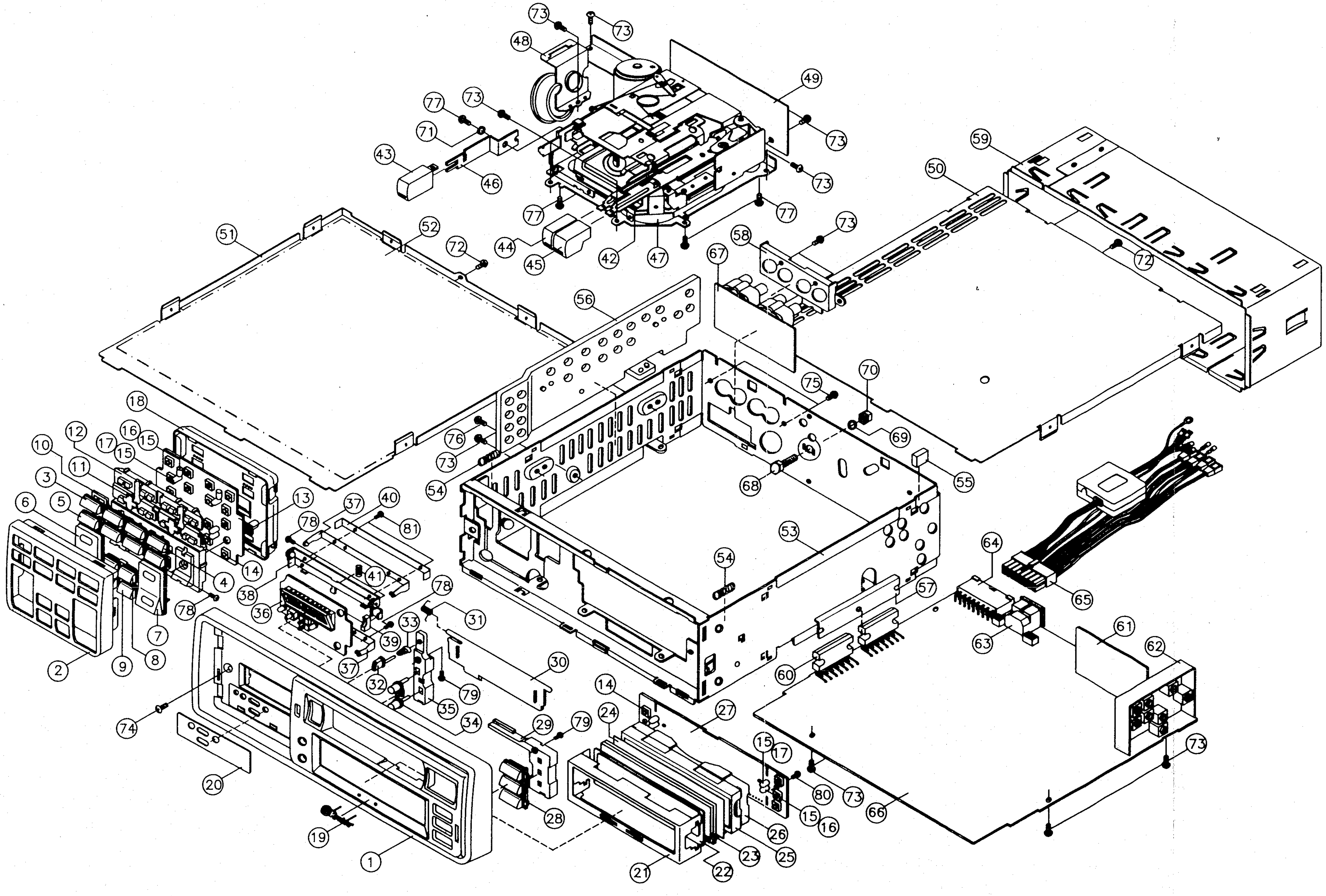
S602
S612
S616

−BOTTOM VIEW−



EXPLODED VIEW

1. CABINET AND CHASSIS



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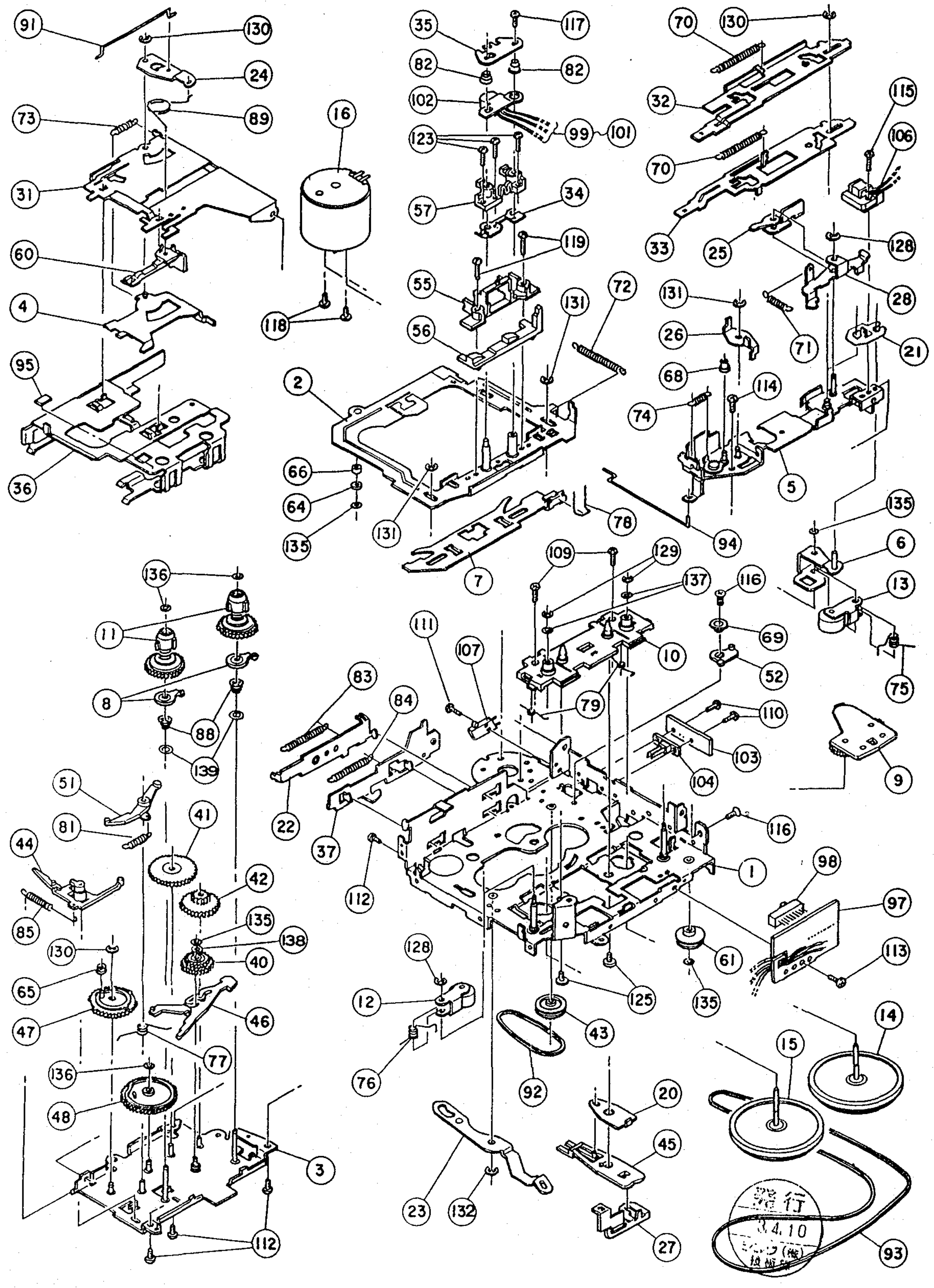
2. DECK MECHANISM



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EXPLODED VIEW PARTS LIST

1. CABINET AND CHASSIS

Ref. No	Part No.	Description		Q'ty	
				RC-926RD	RC-826RD
1	80 335 200 900	Nose	Piece	1	1
2	80 335 202 500	Panel	Top	1	1
3	80 335 202 700	OFF	Button	1	1
4	80 335 202 800	Preset	Button "A"	1	0
	80 357 202 800	Preset	Button "C"	0	1
5	80 335 202 900	Preset	Button "B"	1	1
6	80 335 203 000	Seek	Button	1	1
7	80 335 203 100	Level	Button	1	1
8	80 335 203 200	Panel	Button "A"	1	1
9	80 335 203 300	Panel	Button "B"	1	1
10	80 335 203 500	Button	Cushion	1	1
11	80 335 203 600	Paper	"A"	2	2
12	80 335 203 400	Panel	Illuminator	1	1
13	10 441 335 540	Detachable	P.C.B	1	1
14	38 072 402 110	Tact SW	JPM 1110-0211	21	21
15	58 132 200 000	Lamp	Pilot 6.3V/60mA	12	12
16	80 335 200 700	Lamp	Cap "O"	6	6
17	80 335 200 800	Lamp	Cap "G"	6	6
18	80 335 202 600	Panel	Bottom	1	1
19	80 335 201 100	Logo	Badge	1	1
20	80 335 201 000	Name	Plate "A"	1	0
	80 357 201 000	Name	Plate "B"	0	1
21	80 335 200 600	L.C.D	Housing	1	1
22	80 335 200 200	L.C.D	Window	1	1
23	24 890 262 040	L.C.D	SLC-90026RS/CO	1	1
24	80 335 200 300	L.C.D	Filter	1	1
25	80 335 200 500	Reflector	Case	1	1
26	80 335 200 400	L.C.D	Reflector	1	1
27	10 441 335 020	L.C.D	P.C.B	1	1
28	80 335 201 600	Function	Button "B"	1	1
29	80 335 201 800	Illuminator	"B"	1	1
30	80 335 201 200	Tape	Door	1	0
	80 335 201 210	Tape	Door	0	1
31	80 335 201 300	Door	Spring	1	1
32	80 335 201 400	Release	Button	1	1
33	80 335 201 900	Release	Spring	1	1
34	80 335 201 500	Function	Button "A"	1	1
35	80 335 201 700	Illuminator	"A"	1	1
36	10 441 335 550	Detachable	Sub P.C.B	1	1
37	80 335 200 100	Detachable	Spring	2	2
38	03 350 200 410	Detachable	Semi Ass'y	1	1
39	80 335 202 400	Button	Guide	1	1
40	80 335 203 700	Spring	Holder	1	1
41	80 335 202 300	Bracket	Spring	1	1
42	03 350 100 700	Deck Mechanism	CDX-36EA 2	1	0

Ref. No	Part No.	Description	Q'ty	
			RC-926RD	RC-826RD
	03 560 100 700	Deck Mechanism CDX-36 OEM	0	1
43	80 335 101 200	Ej Button	1	1
44	80 335 101 300	Rew Button	1	1
45	80 335 101 400	FF Button	1	1
46	80 335 101 000	Ej Lever	1	1
47	80 335 100 900	Deck Bracket	1	1
48	80 335 101 100	Alarm Bracket	1	1
49	03 350 100 600	Battery P.C.B Ass'y	1	1
50	80 335 100 100	Top Cover	1	1
51	80 335 100 200	Bottom Cover	1	1
52	80 335 100 300	Insulation Plate	1	1
53	03 350 100 810	Main Chassis Ass'y	1	1
	03 570 100 810	Main Chassis Ass'y	0	1
54	80 335 101 800	Lock Spring	2	2
55	80 335 100 700	Cushion "A"	1	1
56	80 335 101 700	Heat Sink	1	1
57	80 335 100 600	IC Bracket	1	1
58	80 335 100 800	Jack Bracket	1	1
59	80 335 100 400	Half Sleeve	1	1
60	12 001 557 55R	Power IC TDA 1557Q	2	2
61	10 400 335 210	FM P.C.B	1	1
62	32 300 333 310	AM Tuner	1	1
63	52 160 800 000	DIN Socket SKDS-08-1-1-T	1	1
64	52 120 623 000	Power Cord Header CSS5016-020116P	1	1
65	52 180 157 000	Power Cord 101 CSS-077-0016P	1	1
66	10 400 335 000	Main P.C Board	1	1
67	10 400 335 150	Line Out P.C.B	1	1
68	91 612 051 571	Bolt	1	1
69	92 621 005 091	Spring Washer	1	1
70	93 121 005 001	Nut	1	1
71	92 621 002 691	Spring Washer	1	1
72	80 335 105 000	Torx Screw(Pan)	2	2
73	91 221 300 601	Screw Tapping(Pan)	17	16
74	91 325 300 684	Screw Taptite(flat)	1	1
75	91 111 300 671	Screw Machine(Pan)	2	2
76	91 111 301 271	Screw Machine(Pan)	1	1
77	91 111 260 471	Screw Machine(Pan)	5	5
78	91 221 200 601	Screw Tapping(Pan)	6	6
79	91 221 200 801	Screw Tapping(Pan)	2	2
80	91 221 260 801	Screw Tapping(Pan)	2	2
81	91 111 020 471	Screw Machine(Pan)	2	2

2. DECK MECHANISM

Ref No.	Description	Q'ty	Ref No.	Description	Q'ty
1	MAIN CHASSIS ASS'Y	1	70	FF/REW LEVER SPG	2
2	HEAD PLATE ASS'Y	1	71	LOCK LEVER SPG	1
3	REEL BASE ASS'Y	1	72	HEAD PLATE SPG	1
4	EJECT CAM LOCK ASS'Y	1	73	EJECT CAM LOCK SPG	1
5	LEVER BRACKET ASS'Y	1	74	PROGRAM ARM SPG	1
6	FF ARM ASS'Y	1	75	PINCH ARM SPG (FB)	1
7	FR CHANGING ARM (A) ASS'Y	1	76	PINCH ARM SPG(RB)	1
8	DETECTOR CAM ASS'Y	2	77	DASH SPG	1
9	T.U GEAR ARM ASS'Y	1	78	CHANG ARM SPG	1
10	CM BRACKET ASS'Y	1	79	EARTH SPG (R)	2
11	REEL SPINDLE ASSY	2	80		1
12	PINCH ARM (R) ASS'Y	1	81	GEAR LOCK ARM SPG	1
13	PINCH ARM (F) ASS'Y	1	82	ADJUSTER ARM SPG (B)	2
14	FLYWHEEL ASS'Y (F)	1	83	EJECT LEVER SPG	1
15	FLYWHEEL ASS'Y (R)	1	84	EJECT CAM SPG	1
16	MOTOR ASS'Y	1	85	RATCHET SPG	1
17	MOTOR ASS'Y	1	86		
18			87		
19			88	BACK TENSION SPG	2
20	F.R ARM(A)	1	89	TAMBBLER SPG (B)	1
21	D.F ARM	1	90		
22	EJECT LEVER	1	91	RETURN LINK	1
23	REVERSE LEVER	1	92	SUB BELT (B)	1
24	CENTER PLATE	1	93	MAIN BELT	1
25			94	SELECTOR LINK	1
26	CHANGE LEVER (B)	1	95	HOLDER CUSHION	1
27	F.R ARM (B)	1	96		1
28	LOCK ARM (A)	1	97	SW PWB	1
29	RELEASE ARM (X)	1	98	HEAD SELECT SW	1
30			99	WIRE (A) ORANGE	1
31	CASSETTE HANGER	1	100	WIRE (A) BRACK	1
32	FF LEVER	1	101	WIRE (C) YELLOW	1
33	REW LEVER	1	102	ONE WAY PLAY HEAD	1
34	ADJUSTER SHIM	1	103	MUTE PWB	1
35	HOLD PLATE	1	104	MUTE SW	1
36	CASSETTE HOLDER	1	105	PLUNGER	1
37	EJECT CAM	1	106		
38			107	POWER SW	1
39			108		
40	IDLE GEAR	1	109	≒MACHINE SCREW PLAIN #3S-TITE M1.7x3	2
41	REDUCTION GEAR (B)	1	110	≒MACHINE SCREW PLAIN #3S-TITE M1.7x4	2
42	REDUCTION GEAR (A)	1	111	≒MACHINE SCREW PLAIN #3S-TITE M1.7x6	1
43	PULLY GEAR	1	112	≒MACHINE SCREW PLAIN #3S-TITE M2x3	4
44	RATCHET	1	113	≒MACHINE SCREW PLAIN #3S-TITE M2x4	1
45	FF ARM	1	114	≒MACHINE SCREW PLAIN #3S-TITE M2x4	1
46	SENSOR ARM	1	115	≒MACHINE SCREW PLAIN #3S-TITE M2x6	1
47	SELECTOR GEAR	1	116	≒MACHINE SCREW PLAIN #1S-TITE M2x4	2
48	DETECTOR GEAR	1	117	≒MACHINE SCREW PLAIN #1 M2x4	1
49			118	≒MACHINE SCREW PLAIN #3 M2x2.5	2
50			119	≒MACHINE SCREW PLAIN #3S M2x7	2
51	GEAR LOCK ARM	1	120		
52	MUTE ARM (N)	1	121		
53			122		
54			123	AZIMUTH SCREW P=0.25 M2x5	3
55	TAPE GUIDE	1	124		
56	ADJUSTER LINK	1	125	EJECT HOOK SCREW M2x5	2
57	ADJUSTER ARM	1	126		
58			127		
59			128	E-RING φ1.5	2
60	TAPE HOOKER	1	129	E-RING φ1.6xφ3.2	2
61	IDLE PULLEY (A)	1	130	E-RING φ2	4
62			131	E-RING φ2.5	3
63			132		
64	H.P ROLLER (A)	1	133		
65	COLLAR (SELECTOR GEAR)	1	134		
66	H.P ROLLER (B)	1	135	POLY WASHER W/NOTCH φ1.2xφ3xt0.25	4
67			136	POLY WASHER W/NOTCH φ1.6xφ3.2xt0.25	3
68	PROGRAM ROLLER	1	137	POLY WASHER φ2.1xφ3.2xt0.25	2
69	MUTE ARM COLLAR	1			

ELECTRICAL PARTS LIST

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
		Main PCB Ass'y		
• Integrated Circuits				
U301	1200033858R	I.C BA338 (ROHM)	1	0
U104, U105	1200155755R	I.C TDA1557Q (PHILIPS)	2	2
U202	1200312158R	I.C BA3121 (ROHM)	1	1
U103	1200406681R	I.C GD4066B (DIP) (GS)	1	1
U203	1200703980R	I.C RESET KIA7039P (KEC)	1	1
U102	1200731365R	I.C TDA7313 (DIP) (SGS)	1	1
U303	1200733065R	I.C TDA7330 (DIP) (SGS)	1	1
U302	1200816728R	I.C TA8162SN (TOSHIBA)	1	1
U101	1201213520R	I.C HA12135A (HITACHI)	1	0
• Transistors				
Q305	14021240000	T.R 2SB1240	1	1
Q114,Q214	14021273000	T.R KTA1273	2	2
Q306	14021862000	T.R 2SD1862	1	0
Q113,Q201	14023205000	T.R KTC3205	2	2
Q216	1410011311R	T.R DTC113ZS (TP)	1	1
• Crystals				
X2	16027433203	CRYSTAL 4.332MHz ATS-49U	1	1
X1	16127450003	CRYSTAL 4.5MHz ATS-49/U	1	1
• Diodes				
D112	20014001960	DIODE 1N4001 (TP)	1	1
D101-D103,D106,D108,D202,D204-D206,D209,D210,D213,D302,D303,D308	20030133600	DIODE 1SS133	15	13
D211	20050051000	DIODE ZENER 5.1V	1	1
D113	20050062000	DIODE ZENER 6.2V (C)	1	1
D203	20050091000	DIODE ZENER 9.1V	1	1
D207	20800005600	DIODE HZ5LL(C)	1	1
• Tuner				
TU1	32300333310	TUNER KCA333 (AM)	1	1
• Capacitors				
C105-C107,C110,C111,C116,C142,C144,C148,C150,C205,C307,C308 C309,C322,C323	42010050017	CAP ELECT 1UF 50V SRE (TP)	16	12
C131,C147,C203,C209,C219,C228	42100020027	CAP ELECT 10UF 16V SRE (TP)	11	8

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
C301,C303,C314 C316,C324				
C217	42101000057	CAP ELECT 100UF 6.3V SRM (TP)	1	1
C109,C132,C313	42101010057	CAP ELECT 100UF 10V SRE (TP)	3	2
C104	42101020267	CAP ELECT 100UF 16V SRA (TP)	1	1
C146,C153	42102021977	CAP ELECT 1000UF 16V SMS (TP)	2	2
C208,C315,C317	42220010047	CAP ELECT 22UF 10V SRE (TP)	3	3
C103	42220020047	CAP ELECT 22UF 16V SRE (TP)	1	1
C154	42222023047	CAP ELECT 2200UF 16V SMS (TP)	1	1
C122,C127-C130 C136	42226050047	CAP ELECT 2.2UF 50V SRE (TP)	6	6
C113,C119	42227050247	CAP ELECT 0.22UF 50V SRA (TP)	2	0
C101	42336050247	CAP ELECT 3.3UF 50V SRA (TP)	1	1
C141	42470010267	CAP ELECT 47UF 10V SRE (TP)	1	1
C152	42470020057	CAP ELECT 47UF 16V SRE (TP)	1	1
C227	42476020017	CAP ELECT 4.7UF 16V SRM (TP)	1	1
C108,C112,C114 C115,C117,C118 C204,C206,C207 C210,C211,C229 C305,C306,C330	42476030247	CAP ELECT 4.7UF 25V SRE (TP)	15	9
C332	43068145108	CAP CERAMIC SL 680PF 50V (TP)	1	1
C145,C149,C151	43410246000	CAP CERAMIC UP050B 102KB	3	3
C102,C221,C222	43410346000	CAP CERAMIC UP050Y 103KB	3	3
• **Resistors**				
R337	50030010656	RES CARBON 1/6WJ 1Mohm	1	1
R118	50030100056	RES CARBON 1/6WJ 10ohm	1	0
R136,R138,R229 R249-R251	50030100356	RES CARBON 1/6WJ 10Kohm	6	6
R325	50030150356	RES CARBON 1/6WJ 15Kohm	1	0
R201-R204	50030220256	RES CARBON 1/6WJ 2.2Kohm	4	4
R119	50030220356	RES CARBON 1/6WJ 22Kohm	1	0
R134	50030270356	RES CARBON 1/6WJ 27Kohm	1	2
R140,R141,R205, R304,R305,R327	50030470256	RES CARBON 1/6WJ 4.7Kohm	6	6
R235,R324	50030470356	RES CARBON 1/6WJ 47Kohm	2	2
R139	50030560356	RES CARBON 1/6WJ 56Kohm	1	1
R160,R161	50030680356	RES CARBON 1/6WJ 68Kohm	2	0
R228,R315	50031000056	RES CARBON 1/6WJ 100ohm	2	1
R111,R126,R127	50031000356	RES CARBON 1/6WJ 100Kohm	3	3
R230	50033300056	RES CARBON 1/6WJ 33ohm	1	1
R112,R332	50033300356	RES CARBON 1/6WJ 330Kohm	2	2
R106,R339	50033900056	RES CARBON 1/6WJ 390ohm	2	2
R208	50035600056	RES CARBON 1/6WJ 560ohm	1	1
R137	50040150056	RES CARBON 1/4WJ 15ohm	1	1
R248	50720470351	RES ARRARY(4EA) 47Kohm	1	1
• **Other**				

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
CN113	52120222000	HEADER 2P GIL-S-2P-S2T2-EF	1	0
CN107,CN108	52120222002	HEADER PIN GIL-S-2P-S2L2-EF	2	2
CN102,CN106, CN111	52120322001	HEADER PIN GIL-S-3P-S2T2-EF	3	3
CN105,CN112	52120622001	HEADER PIN GIL-S-6P-S2T2-EF	2	2
PH101	52120623000	PWRCORD HEADER CSS5016-020116P	1	1
CN101	52160800000	DIN SOCKET SKDS-08-1-1-T	1	1
CN103	52163012040	DIP SOCKET 3012-DS04-G	1	1
CN104	52163012060	DIP SOCKET 3012-DS06-G	1	1
CA101	52280335400	CON. ASS'Y 3P 110mm	1	1
Main CHIP Mount Ass'y				
• Other				
	10400335000	P.C.B MAIN (RC-926)	1	1
• Integrated Circuits				
U204	1200048158R	I.C BU4S81ANDGATE (ROHM)	1	1
U201	1217706600R	I.C UPD17006GI-E14-3B9(TOTORI)	1	1
• Transistors				
Q310	14100111006	T.R CHIP KRA111S (TP)	1	1
Q104,Q106,Q108	14120113006	T.R CHIP DTB113ZK	3	3
Q202-Q205	14120314006	T.R CHIP DTC314TK	4	4
Q110,Q111,Q308, Q309	14121304996	T.R CHIP KTD1304 (TP)	4	4
Q208,Q211	14600107006	T.R CHIP KRA107S (TP)	2	2
Q209,Q210,Q303	14600111006	T.R CHIP KRC111S	3	2
Q101,Q105,Q107, Q109,Q115,Q206, Q207,Q215,Q307	14601070006	T.R CHIP KRC107S	9	8
Q102,Q103	14622812166	T.R CHIP 2SC2812L6 (TP)	2	2
Q112,Q212,Q213 Q301,Q302,Q304	14623875046	T.R CHIP KTC3875S (G)	6	4
• Diodes				
D109	20050029000	DIODE ZENER Z02W9.1V	1	1
D104,D105,D107, D212	20730184500	DIODE CHIP KDS184	4	4
D301,D305,D306, D307	20730187500	DIODE CHIP KDS187	4	3
D110,D111,D208, D312	20730226500	DIODE CHIP KDS226	4	4
• Capacitors				
C138,C139	44847050746	CAP CHIP TANTAL TAJB475M01084R	2	2
C223,C318	45110245010	CAP CHIP C2012C0G1H 102J	2	1
C140,C143,C220 C319	45110245110	CAP CHIP C3216C0G1H 102J	4	3

Ref. No	Part No.	Description			Q'ty	
					926'RD	826'RD
C213,C216,C218, C312,C325,C349	45110346020	CAP CHIP	C2012X7R1H	103K	6	6
C225	45110346120	CAP CHIP	C3216X7R1H	103K	1	1
C302,C304	4511044A040	CAP CHIP	C2012Y5V1H	104ZT	2	0
C123,C124-C126	4511044A140	CAP CHIP	C3216Y5V1H	104Z	4	4
C320,C321	45112346020	CAP CHIP	C2012X7R1H	123K	2	2
C318	45115245020	CAP CHIP	C2012X7R1H	152J	0	1
C319	45115245120	CAP CHIP	C3216X7R1H	152K	0	1
C334,C338	45118346120	CAP CHIP	C3216X7R1H	183K	2	1
C335	45118346120	CAP CHIP	C3216X7R1H	183K	0	1
C215	45122045010	CAP CHIP	C2012COG1H	220J	1	1
C311	45122346120	CAP CHIP	C3216X7R1H	223K	1	0
C214,C326,C327	45127045010	CAP CHIP	C2012COG1H	270J	3	3
C224	45127145010	CAP CHIP	C2012COG1H	271J	1	1
C328	45127145110	CAP CHIP	C3216COG1H	271J	1	1
C133,C134	45127246120	CAP CHIP	C3216X7R1H	272K	2	2
C212	45133145010	CAP CHIP	C2012COG1H	331J	1	1
C135	45133346020	CAP CHIP	C2012X7R1H	333K	1	1
C121	45133346120	CAP CHIP	C3216X7R1H	333K	1	1
C226	45133447330	CAP CHIP	12065E334MAT050R		1	1
C310	45147346020	CAP CHIP	C2012X7R1H	473KT	1	0
C331	45168145010	CAP CHIP	C2012COG1H	681J	1	1
C120,C137	45182346020	CAP CHIP	C2012X7R1H	823K	2	2
• Semi-Fixed Variable Resistors						
VR101,VR102	48002473150	SEMI-V.R	CHIP TMC 3K B47K		2	0
• Resistors						
R223,R225,R227, R231,R241,R344 R345	50410010356	RES CHIP	1/10WJ	1Kohm	7	5
R328	50410010356	RES CHIP	1/10WJ	1Kohm	0	1
R145,R338	50410010656	RES CHIP	1/10WJ	1Mohm	2	2
R120,R239,R244 R245,R301,R341	50410100356	RES CHIP	1/10WJ	10Kohm	6	4
R334	50410120356	RES CHIP	1/10WJ	12Kohm	1	1
R326	50410150356	RES CHIP	1/10WJ	15Kohm	1	0
R129	50410180256	RES CHIP	1/10WJ	1.8Kohm	1	1
R333	50410180356	RES CHIP	1/10WJ	18Kohm	1	1
R117,R210,R212 R219,R220	50410220256	RES CHIP	1/10WJ	2.2Kohm	5	5
R121,R303,R336	50410220356	RES CHIP	1/10WJ	22Kohm	3	2
R131-R133	50410270356	RES CHIP	1/10WJ	27Kohm	3	2
R109	50410270356	RES CHIP	1/10WJ	27Kohm	0	1
R144	50410330256	RES CHIP	1/10WJ	3.3Kohm	0	1
R321	50410330356	RES CHIP	1/10WJ	33Kohm	1	0
R310	50410390356	RES CHIP	1/10WJ	39Kohm	1	0
R236	50410470256	RES CHIP	1/10WJ	4.7Kohm	1	1
R115,R116,R232-R234,R318	50410470356	RES CHIP	1/10WJ	47Kohm	6	6
R309	50410560256	RES CHIP	1/10WJ	5.6Kohm	1	0
R109,R307	50410680356	RES CHIP	1/10WJ	68Kohm	2	1
R209,R224,R226	50411000356	RES CHIP	1/10WJ	100Kohm	8	6

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
R243,R313,R322 R340,R341				
R319	50411200056	RES CHIP 1/10WJ 120ohm	0	1
R312	50411500356	RES CHIP 1/10WJ 150Kohm	1	1
R319	50411800056	RES CHIP 1/10WJ 180ohm	1	0
R242	50411800356	RES CHIP 1/10WJ 180Kohm	1	1
R128	50412200056	RES CHIP 1/10WJ 220ohm	1	1
R130	50413300056	RES CHIP 1/10WJ 330ohm	1	1
R331	50413300356	RES CHIP 1/10WJ 330Kohm	1	1
R102-R104,R247, R335	50420010356	RES CHIP 1/8WJ 1Kohm	4	5
R101,R107,R108, R110,R150,R308	50420100356	RES CHIP 1/8WJ 10Kohm	6	4
R330	50420120356	RES CHIP 1/8WJ 12Kohm	1	1
R123	50420180256	RES CHIP 1/8WJ 1.8Kohm	1	1
R329	50420180356	RES CHIP 1/8WJ 18Kohm	1	1
R211,R213-R215	50420220256	RES CHIP 1/8WJ 2.2Kohm	4	4
R342,R343	50420270356	RES CHIP 1/8WJ 27Kohm	0	2
R124,R125	50420470256	RES CHIP 1/8WJ 4.7Kohm	2	2
R110,R113,R114, R240,R317,R323	50420470356	RES CHIP 1/8WJ 47Kohm	5	6
R342,R343	50420820356	RES CHIP 1/8WJ 82Kohm	2	0
R316	50421000056	RES CHIP 1/8WJ 100ohm	1	1
R143,R126-R218, R221,R306	50421000356	RES CHIP 1/8WJ 100Kohm	6	6
R320	50421200056	RES CHIP 1/8WJ 120ohm	0	1
R237	50421200356	RES CHIP 1/8WJ 120Kohm	1	1
R320	50421800056	RES CHIP 1/8WJ 180ohm	1	0
R105,R311	50422200056	RES CHIP 1/8WJ 220ohm	2	1
R122	50423300056	RES CHIP 1/8WJ 330ohm	1	1
R238	50424700056	RES CHIP 1/8WJ 330Kohm	1	1
R238	50424700056	RES CHIP 1/8WJ 470ohm	1	1
Main Sub PCB Ass'y				
• Other				
	10441335160	P.C.B S-RAM (RC-926RD)	1	1
• Integrated Circuit				
U401	1200351762R	I.C LC3517AML (SANYO)	1	1
• Transistor				
Q401	14601070006	T.R CHIP KRC107S	1	1
• Resistors				
R401	50410470356	RES CHIP 1/10WJ 47Kohm	1	1
R402	50411000356	RES CHIP 1/10WJ 100Kohm	1	1

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
• Others				
CON9,CON10	52122110120	PIN HEADER 2100-DS12-G-8.5	2	2
FM Module PCB Ass'y				
• Filters				
X702	18040510799	FIL. CERAMIC SFE10.7MJA10K-A	1	1
X703	18040810799	FILTER CERAMIC 10.7MS3K-A	1	1
• Resonator				
X701	1900091200R	RESONATOR CSB-912J (RC-926)	1	1
• Coils				
L701	26002246307	INDUCTOR LAL03TB-0R22K	1	1
T701	30107514000	I.F.T 600YNA-K5551NBS	1	1
• Tuner				
TU701	32300204310	TUNER KCF 204H(FM)	1	1
• Capacitor				
C729	4301034A058	CAP CERAMIC F 0.01uF 50V (TP)	1	1
• Semi-Fixed Variable Resistors				
VR704	48013103140	SEMI-V.R VM5CK-PV 10KB	1	1
VR701	48013104140	SEMI-V.R VM5CK-PV 100KB	1	1
VR705	48013224143	SEMI-V.R VM5CK-PV 220KB	1	1
VR702	48013504143	SEMI-V.R VM5CK-PV 500KB	1	1
• Other				
CN701	52121115000	HEADER PIN 16P PHAU01-115-161	1	1
FM Chip Mount Ass'y				
• Other				
	10400335210	P.C.B FM MODULE (RC-926)	1	1
• Integrated Circuit				
U701	1200729241R	I.C AN7292SC (MATSUSHITA)	1	1
• Capacitors				
C708,C722	44810053746	CAP CHIP TANTAL TAJA105M01684R	2	2
C710,C718	44847043746	CAP CHIP TANTAL TAJA474M02584R	2	2
C706,C709,C711, C719	4501044A040	CAP CHIP C2012Y5V1H 104ZT	4	4
C707	45110245010	CAP CHIP C2012C0G1H 102J	1	1
C721	45110346020	CAP CHIP C2012X7R1H 103K	1	1

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
C716	45110346120	CAP CHIP C3216X7R1H 103K	1	1
C725	4511044A040	CAP CHIP C2012Y5V1H 104ZT	1	1
C713	45115346021	CAP CHIP C2012X7R1H 153K	1	1
C724	45118045210	CAP CHIP CS1608COG180J500NR	1	1
C723	45118145200	CAP CHIP C1608COG1H 181J	1	1
C705	45122324620	CAP CHIP C1608X7R1C 223K	1	1
C702,C726	45122346020	CAP CHIP C2012X7R1H 223K	2	2
C728	45122346120	CAP CHIP C3216X7R1H 223K	1	1
C701	4512242A261	CAP CHIP C1608Y5V1C 224Z	1	1
C703	4512244A040	CAP CHIP C2012Y5V1H 224Z	1	1
C717	45133246200	CAP CHIP C1608X7R1H 332K	1	1
C714,C715	45147346020	CAP CHIP C2012X7R1H 473KT	2	2
C712	45156045200	CAP CHIP C1608CH1H 560JT	1	1
• **Resistor**				
R712	50400220256	RES CHIP 1/16WJ 2.2Kohm	1	1
R705,R708	50400470256	RES CHIP 1/16WJ 4.7Kohm	2	2
R709	50400560356	RES CHIP 1/16WJ 56Kohm	1	1
R701	50401000356	RES CHIP 1/16WJ 100Kohm	1	1
R702	50402200356	RES CHIP 1/16WJ 220Kohm	1	1
R706	50403300356	RES CHIP 1/16WJ 330Kohm	1	1
R703,R713	50410100356	RES CHIP 1/10WJ 10Kohm	2	2
R704	50410150256	RES CHIP 1/10WJ 1.5Kohm	1	1
R715	50410330056	RES CHIP 1/10WJ 33ohm	1	1
R710	50410470256	RES CHIP 1/10WJ 4.7Kohm	1	1
R716,R717	50410470356	RES CHIP 1/10WJ 47Kohm	2	2
R707	50413300356	RES CHIP 1/10WJ 330Kohm	1	1
R714	50420470356	RES CHIP 1/8WJ 47Kohm	1	1
		Line Out PCB Ass'y		
• **Integrated Circuit**				
U901,U902	1200456528R	I.C NJM4565D (JRC)	2	1
• **Capacitor**				
C902,C908,C910, C911,C939,C940	42100020027	CAP ELECT 10UF 16V SRE (TP)	6	4
C903-C906,C912-C915	42476030247	CAP ELECT 4.7UF 25V SRE (TP)	8	4
• **Resistor**				
R906	50030150356	RES CARBON 1/6WJ 16Kohm	1	1
R920	50030180256	RES CARBON 1/6WJ 1.8Kohm	1	0
R909,R910,R925, R928	50030220356	RES CARBON 1/6WJ 22Kohm	4	2
• **Other**				
DR901	52122110040	HEADER PIN 2110-DR04G	1	1
DR902	52122110060	HEADER PIN 2110-DR06G	1	1

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
PJ901	52372009500	PIN JACK BOARD JK0200950N	2	1
Line Out CHIP Mount Ass'y				
• Other				
	10400335150	P.C.B LINE OUT (RC-926)	1	1
• Transistors				
Q901,Q902,Q921, Q922	14623875046	T.R CHIP KTC3875S (G)	4	2
• Capacitors				
C907,C909,C916	45110145010	CAP CHIP C2012C0G1H 101J	3	1
C901	45110145110	CAP CHIP C3216C0G1H 101J	1	1
• Resistors				
R935	50410100356	RES CHIP 1/10WJ 10Kohm	1	1
R929	50410150356	RES CHIP 1/10WJ 15Kohm	1	0
R931	50410180256	RES CHIP 1/10WJ 1.8Kohm	1	0
R908,R926,R927	50410470356	RES CHIP 1/10WJ 47Kohm	3	1
R902,R915,R918, R933	50410560256	RES CHIP 1/10WJ 5.6Kohm	4	2
R912,R921,R930	50410820356	RES CHIP 1/10WJ 82Kohm	3	0
R917,R932,R934	50411000356	RES CHIP 1/10WJ 100Kohm	3	0
R912	50411000356	RES CHIP 1/10WJ 100Kohm	0	1
R936	50420100356	RES CHIP 1/8WJ 10Kohm	1	1
R911,R922	50420150356	RES CHIP 1/8WJ 15Kohm	2	1
R904,R913	50420180256	RES CHIP 1/8WJ 1.8Kohm	2	2
R907	50420470356	RES CHIP 1/8WJ 47Kohm	1	1
R905	50420820356	RES CHIP 1/8WJ 82Kohm	1	0
R901,R903,R914, R916,R919	50421000356	RES CHIP 1/8WJ 100Kohm	5	4
R905	50421000356	RES CHIP 1/8WJ 10Kohm	0	1
Deck Mecha Ass'y				
DM1	42471021341	CAP ELECT 470UF 16V SMS	1	1
R346	50030680356	RES CARBON 1/6WJ 68Kohm	1	1
WJ504	52220114001	JUMP WIRE 60mm E1-E14	1	1
WJ501	52220119000	JUMP WIRE 1007/26 90mmYEL(R/D)	1	1
WJ502	52220128000	JUMP WIRE 1007/26 120mmBLU(S-1)	1	1
WJ503	52220133000	JUMP WIRE 1007/26 45mmWHT(S-10)	2	2
	52280335210	CON. ASS'Y 2P 125mm	1	0
CN502	52280335302	CON. ASS'Y 3P 200mm	1	1
CN503	52280335608	CON. ASS'Y SHIELD 6P 105mm	1	1
Alarm Ass'y				
• Capacitor				

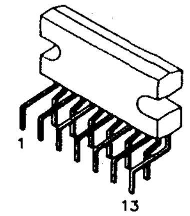
Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
C1	42221010688	CAP ELECT 220UF 10V SMS (TP)	1	1
• **Other**				
	58121200280	RECHARGERBLE BATTERY 3V 280RT	1	1
Chassis Ass'y				
	52350200000	ANT-SOCKET JAS-002	1	1
Front PCB Ass'y				
LCD1	24890262040	DISPLAY LCD SLC-90026RS/CO	1	1
S617-S621	38082402110	SWITCH JPM1110-0211	5	5
CN601	52280335401	CON. ASS'Y 3P 110mm	1	1
LP10,LP11,LP12, LP9	58132200000	PILOT LAMP 6.3V/60m	4	4
Front CHIP Mount Ass'y				
	10441335020	P.C.B LCD (RC-926)	1	1
U602	1200857655R	I.C PCF8576T (PHILIPS)	1	1
R606,R607	50411000356	RES CHIP 1/10WJ 100Kohm	2	2
R605	50421800356	RES CHIP 1/8WJ 18Kohm	1	1
Detach. Back PCB Ass'y				
• **Resonator**				
X601	1900070000R	RESONATOR CSB-700J (RC-926)	1	1
• **Others**				
LD601,LD602	22300124000	L.E.D KLR124 (RED)	2	2
XL601,XL602	38061202120	SWITCH SLIDE SSSS212ND021	2	1
S622	38072409110	SWITCH SKHH-10911	1	1
FP601	52110150001	FP-CONN. SKFP-15-S-G.G	1	1
CN602	52280335200	CONN. ASS'Y 2P 110mm	1	1
CN603	52280335210	CON. ASS'Y 2P 125mm	1	1
CN604	52280335220	CON. ASS'Y 2P 200mm	1	1
CN605	52280335610	CON. ASS'Y 6P 80mm	1	1
Detach. Back CHIP Mount Ass'y				
	10441335550	P.C.B D/P B (RC-926)	1	1
U601	1200756462R	I.C UPD7564AG-S27 (TOTORISANYO	1	1
C603	44810053746	CAP CHIP TANTAL TAJA105M01684R	1	1
C601,C602	45110145010	CAP CHIP C2012COG1H 101J	2	2
R602	50410100356	RES CHIP 1/10WJ 10Kohm	1	1
R604	50410510056	RES CHIP 1/10WJ 51ohm	1	1
R601	50410680256	RES CHIP 1/10WJ 6.8Kohm	1	1
R603	50411000356	RES CHIP 1/10WJ 100Kohm	1	1
FL601	52350335000	FLEXIBLE PCB 9P (RC-926RD)	1	1
Detachable PCB Ass'y				

Ref. No	Part No.	Description	Q'ty	
			926'RD	826'RD
	10441335540	P.C.B D/P (RC-926)	1	1
S601-S616	38072402110	SWITCH JPM1110-0211	16	16
FP602	52110150002	CON. F/P SKFP-15-P-G.G	1	1
LP1-LP8	58132200000	PILOT LAMP 6.3V/60m	8	8
Packing Ass'y				
	52180157000	POWER CORD 101CSS-077-00 (16P)	1	1

NOTE : RESISTOR/CAPACITOR TOLERANCE :
D : ±0.5% J : ±10% K : ±10% M : ±20% Z : ±80%,−20%

SEMICONDUCTOR LEAD IDENTIFICATION AND INTERNAL DIAGRAM

1. LEAD IDENTIFICATIONS



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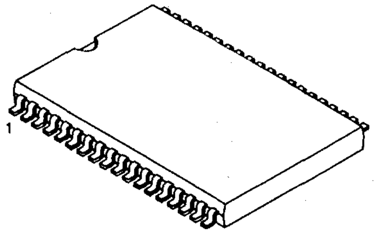
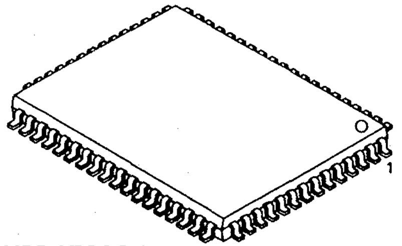
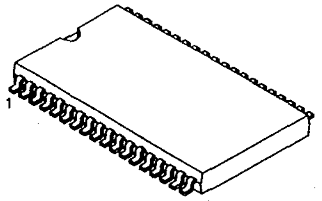


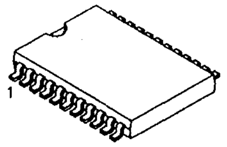
PCF8576/602



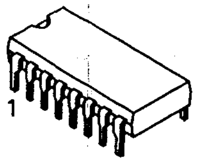
UPD17006/U201



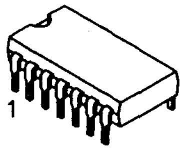
AN7292SC/U701



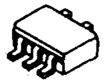
LC3517RM-12/15/U401



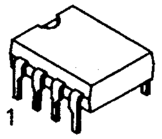
HA12135/U101



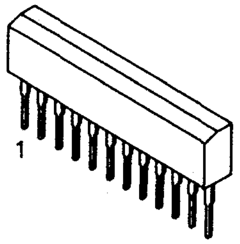
GD4066B/U103



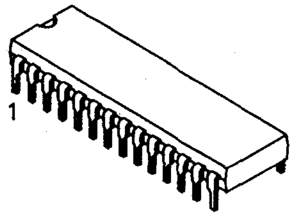
BU4S81/U204



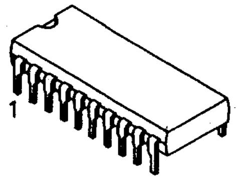
BA3121/U202
NJM4565/UP01,P02



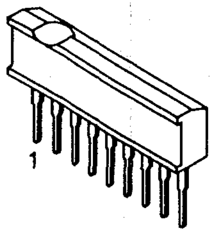
TA8162SN/U302



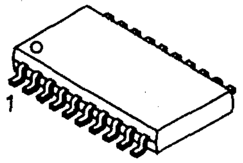
TDA7313(DIP28)/U102



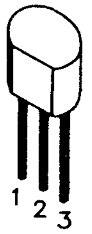
TDA7330(DIP20)/U303



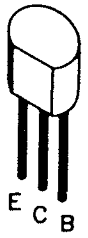
BA338/U301



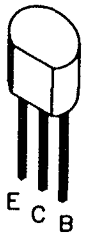
UPD7564/U601



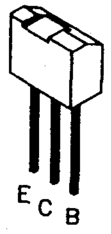
KIA7039P/F(T0-92)
/U203



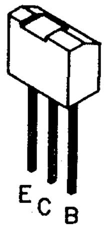
KTA1273(T0-92L)



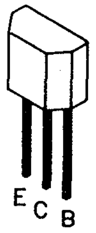
KTC3205(T0-02L)



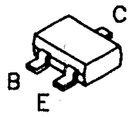
2SD1862(ATV)



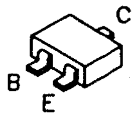
2SB1240(ATV TV2)



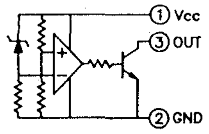
DTC112ZS(SPT)

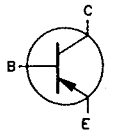


① KRA111S(SOT-23)
② KRA107S(SOT-23)

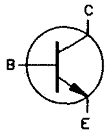


① DTB113ZK
② SMT(SC-59-SOT23)

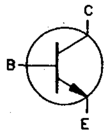

① Vcc
③ OUT
② GND



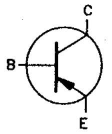
Q114,214



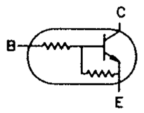
Q113,201



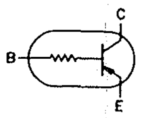
Q306



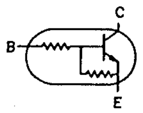
Q305



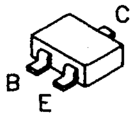
Q216



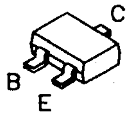
① Q310
② Q208,211



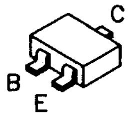
① Q101,105,107,109,115
206,207,215,307,401
② Q209,210,303



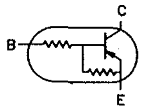
KRC107S(SOT-23)
KRC111S(SOT-23)



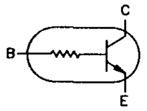
① KTC3875(SOT-23)
② KTD1304(SOT-23)
③ 2SC2812L6(SOT-23)



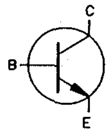
DTC314TK
SMT(SC-59-SOT23)



Q104,106,108



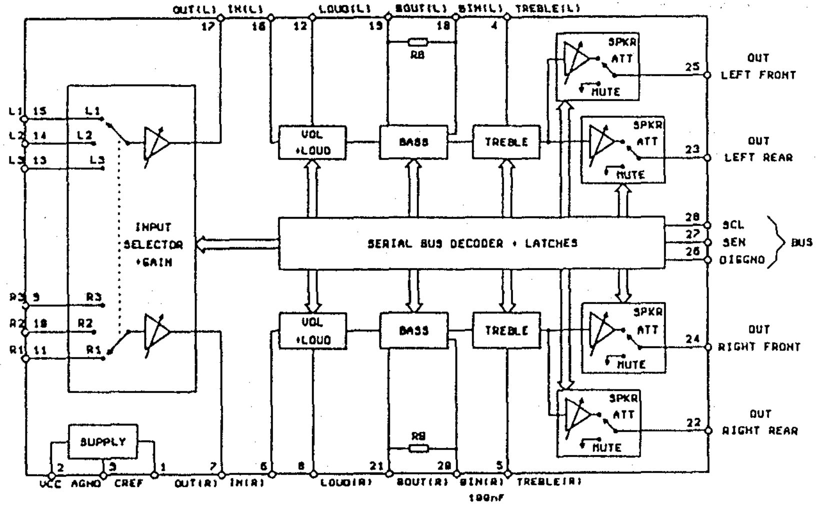
Q202～205



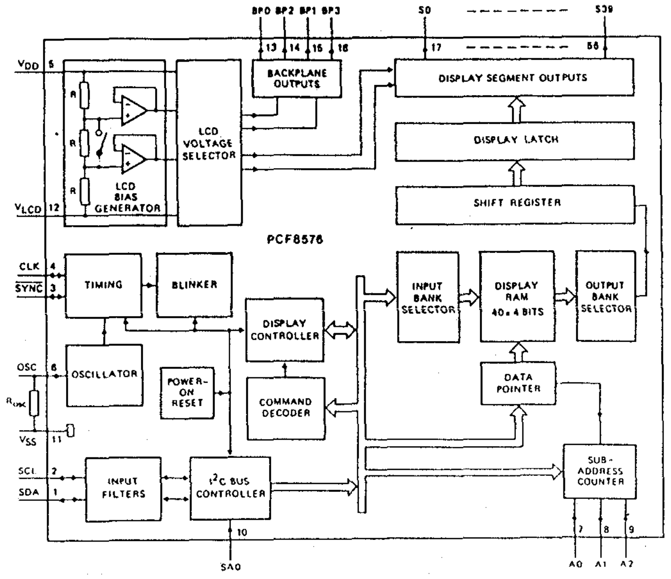
① Q110,111,308,309
② Q102,103
③ Q112,212,213,301,302
304,P01,P02,P21,P22

2. INTERNAL DIAGRAMS

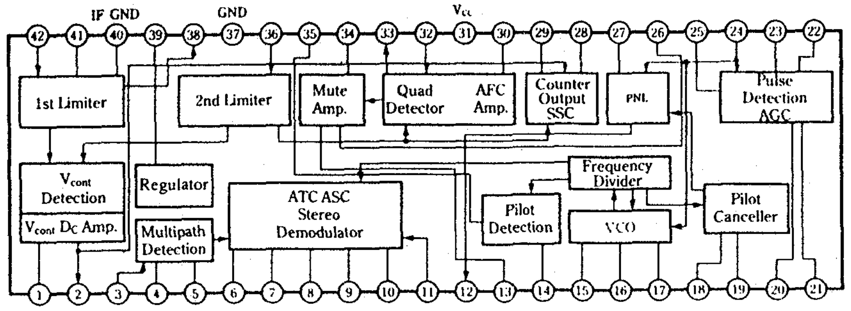
TDA7313(Digital Controlled Stereo Audio Processor with Loudness)


OUT(L)
IN(L)
LOUD(L)
BOUT(L)
BIN(L)
TREBLE(L)
17
16
12
19
18
4
RB
SPKR
ATT
MUTE
25
OUT
LEFT FRONT
23
OUT
LEFT REAR
L1 15
L2 14
L3 13
VOL
+LOUD
BASS
TREBLE
INPUT
SELECTOR
+GAIN
SERIAL BUS DECODER + LATCHES
28 SCL
27 SEN
26 DIGGND
BUS
R3 9
R2 10
R1 11
24
OUT
RIGHT FRONT
22
OUT
RIGHT REAR
SUPPLY
2
3
1
7
6
8
21
20
5
VCC
AGND
CREF
OUT(R)
IN(R)
LOUD(R)
BOUT(R)
BIN(R)
TREBLE(R)
100nF

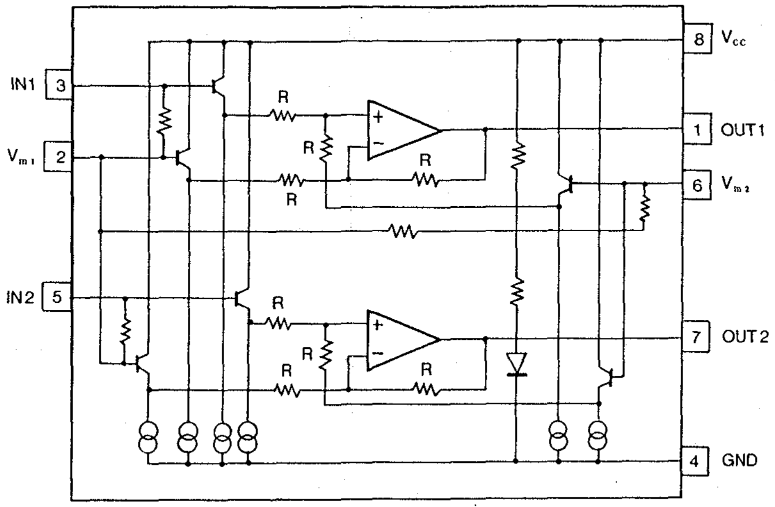
PCF8576(LCD Controller/Driver)


BP0 BP2 BP1 BP3
13 14 15 16
S0
S39
17
56
VDD 5
BACKPLANE OUTPUTS
DISPLAY SEGMENT OUTPUTS
R
LCD VOLTAGE SELECTOR
DISPLAY LATCH
LCD BIAS GENERATOR
VLCD 12
SHIFT REGISTER
PCF8576
CLK 4
SYNC 3
TIMING
BLINKER
INPUT BANK SELECTOR
DISPLAY RAM 40×4 BITS
OUTPUT BANK SELECTOR
DISPLAY CONTROLLER
OSC 6
OSCILLATOR
POWER-ON RESET
COMMAND DECODER
DATA POINTER
Rosc
VSS 11
SCL 2
SDA 1
INPUT FILTERS
I²C BUS CONTROLLER
SUB-ADDRESS COUNTER
10
SA0
7 8 9
A0 A1 A2

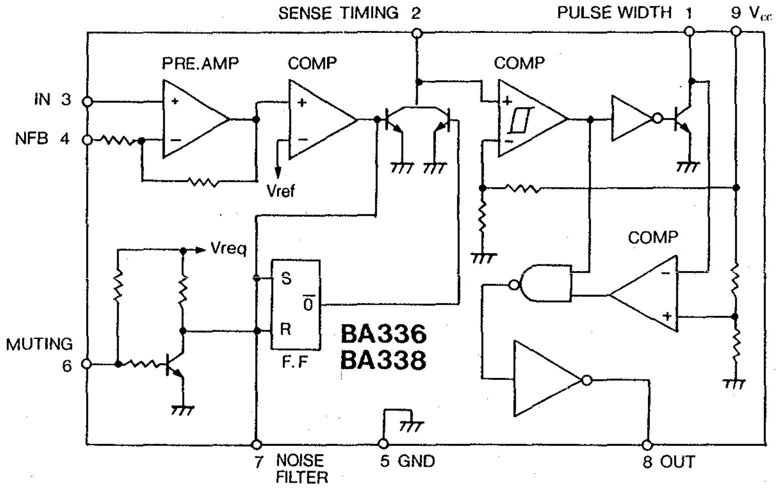
AN7292(FM-IF, Detection, Noise Conceller MPX Demodulation)


IF GND
GND
Vcc
42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22
1st Limiter
2nd Limiter
Mute Amp.
Quad Detector
AFC Amp.
Counter Output SSC
PNL
Pulse Detection AGC
Vcont Detection
Regulator
ATC ASC Stereo Demodulator
Frequency Divider
Pilot Detection
VCO
Pilot Canceller
Vcont Dc Amp.
Multipath Detection
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

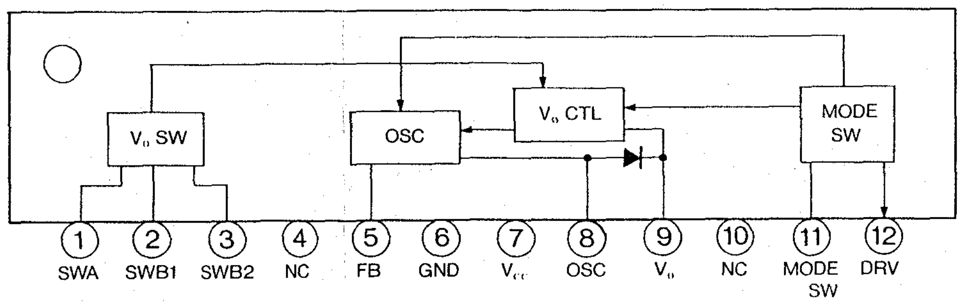
BA3121(Ground Isolution Amplifier)


IN1 3
Vin1 2
IN2 5
R
8 Vcc
1 OUT1
6 Vin2
7 OUT2
4 GND

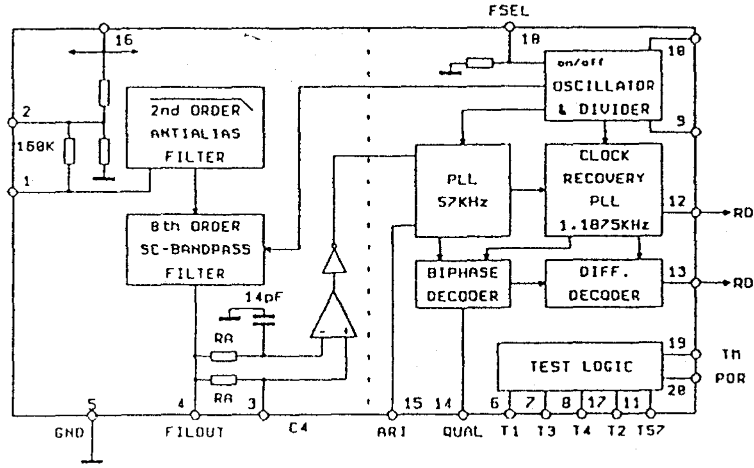
BA338(Blank Section Detector)


SENSE TIMING 2
PULSE WIDTH 1
9 Vcc
PRE.AMP
COMP
COMP
IN 3
NFB 4
Vref
Vreq
COMP
S
R
F.F
BA336
BA338
MUTING 6
7 NOISE FILTER
5 GND
8 OUT

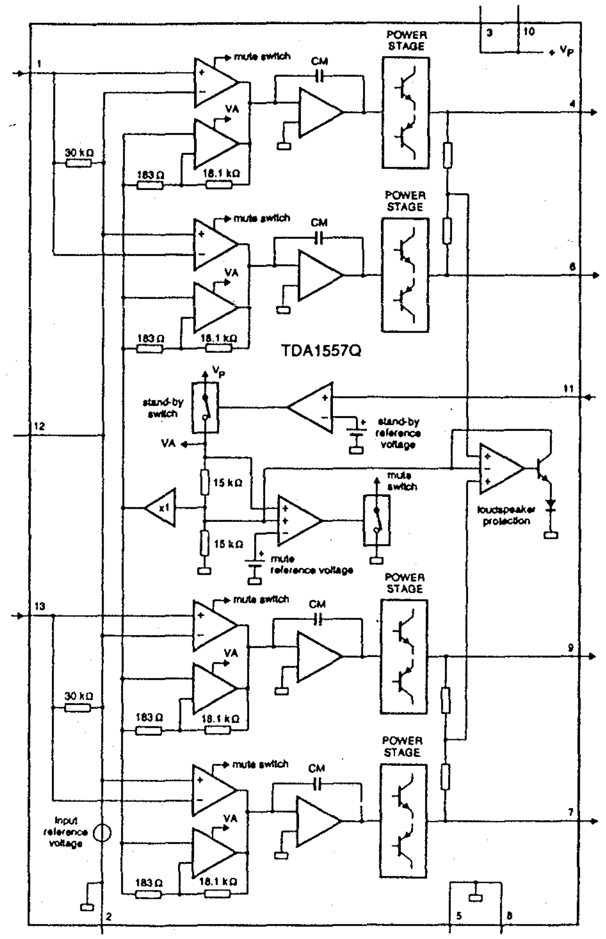
TA8162SN(1.5V CMOS IC DC/CD Convertor)


VB SW
OSC
VB CTL
MODE SW
① SWA
② SWB1
③ SWB2
④ NC
⑤ FB
⑥ GND
⑦ Vcc
⑧ OSC
⑨ VB
⑩ NC
⑪ MODE SW
⑫ DRV

TDA7330b(RDS Demodulator +Filter)

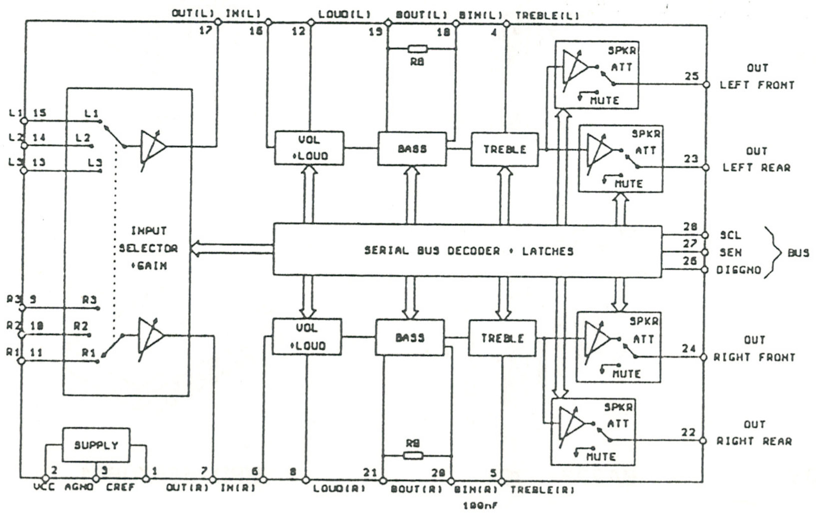

FSEL
16
18
10
on/off
OSCILLATOR & DIVIDER
9
2
160K
1
2nd ORDER ANTIALIAS FILTER
CLOCK RECOVERY PLL 1.1875KHz
PLL 57KHz
12
RDCL
8th ORDER SC-BANDPASS FILTER
BIPHASE DECODER
DIFF. DECODER
13
RDDA
14pF
RA
TEST LOGIC
19
TM
POR
20
5
4
3
15 14
6 7 8 17 11
GND
FILOUT
C4
ARI
QUAL
T1 T3 T4 T2 T57

TDA1557Q(Power Amplifier)

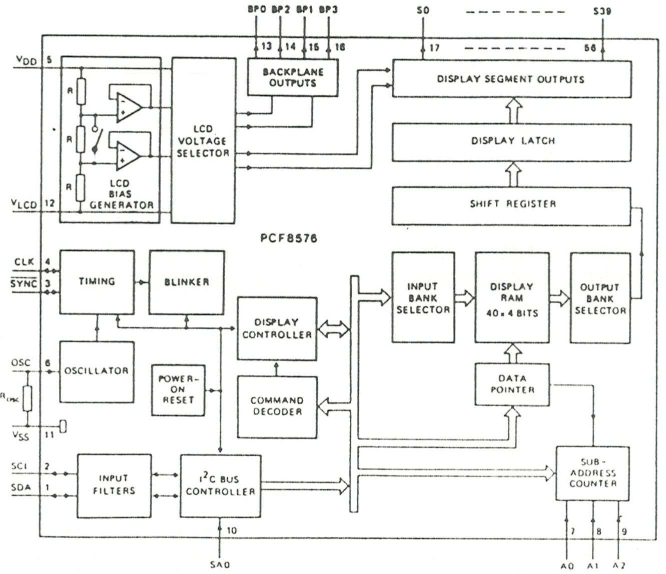

POWER STAGE
3
10
+ Vp
1
mute switch
CM
VA
4
30 kΩ
183 Ω
18.1 kΩ
6
TDA1557Q
Vp
stand-by switch
stand-by reference voltage
11
12
VA
x1
15 kΩ
mute switch
mute reference voltage
loudspeaker protection
13
9
input reference voltage
7
2
5
8

2. INTERNAL DIAGRAMS

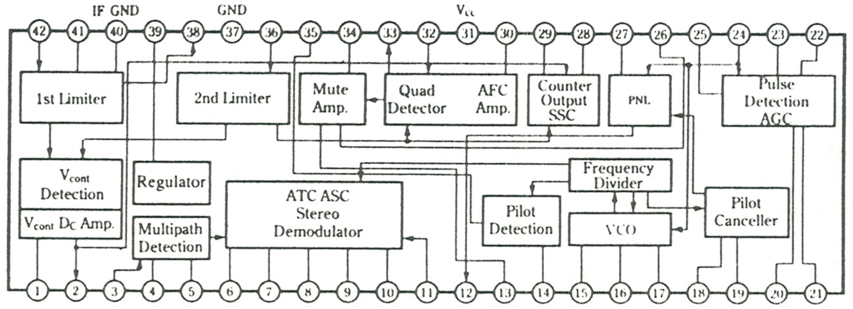
TDA7313(Digital Controlled Stereo Audio Processor with Loudness)


OUT(L)
IN(L)
LOUD(L)
BOUT(L)
BIN(L)
TREBLE(L)
R8
SPKR ATT
MUTE
OUT LEFT FRONT
OUT LEFT REAR
L1
L2
L3
INPUT SELECTOR +GAIN
VOL +LOUD
BASS
TREBLE
SERIAL BUS DECODER + LATCHES
SCL
SEN
DIGGND
BUS
R3
R2
R1
OUT RIGHT FRONT
OUT RIGHT REAR
SUPPLY
VCC
AGND
CREF
OUT(R)
IN(R)
LOUD(R)
BOUT(R)
BIN(R)
TREBLE(R)
100nF

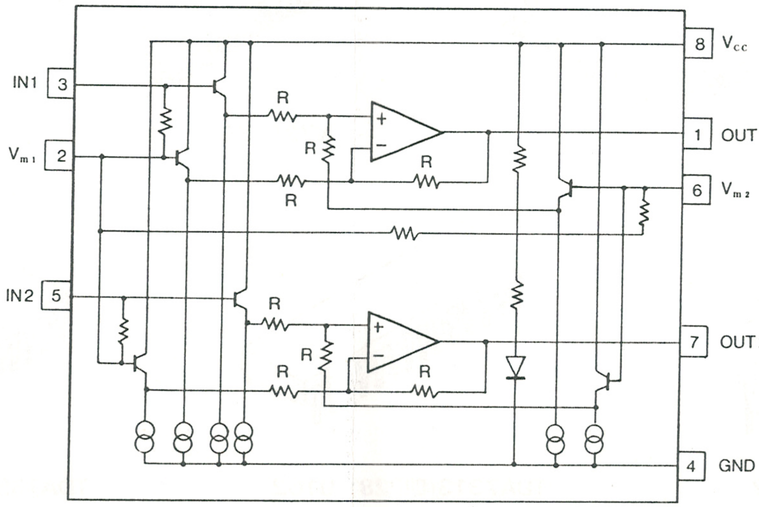
PCF8576(LCD Controller/Driver)


BP0 BP2 BP1 BP3
S0
S39
V_{DD}
V_{LCD}
BACKPLANE OUTPUTS
DISPLAY SEGMENT OUTPUTS
LCD VOLTAGE SELECTOR
LCD BIAS GENERATOR
DISPLAY LATCH
SHIFT REGISTER
PCF8576
CLK
SYNC
TIMING
BLINKER
INPUT BANK SELECTOR
DISPLAY RAM 40×4 BITS
OUTPUT BANK SELECTOR
DISPLAY CONTROLLER
OSC
OSCILLATOR
POWER-ON RESET
COMMAND DECODER
DATA POINTER
R_{osc}
V_{SS}
SCL
SDA
INPUT FILTERS
I^2C BUS CONTROLLER
SUB-ADDRESS COUNTER
SA0
A0
A1
A2

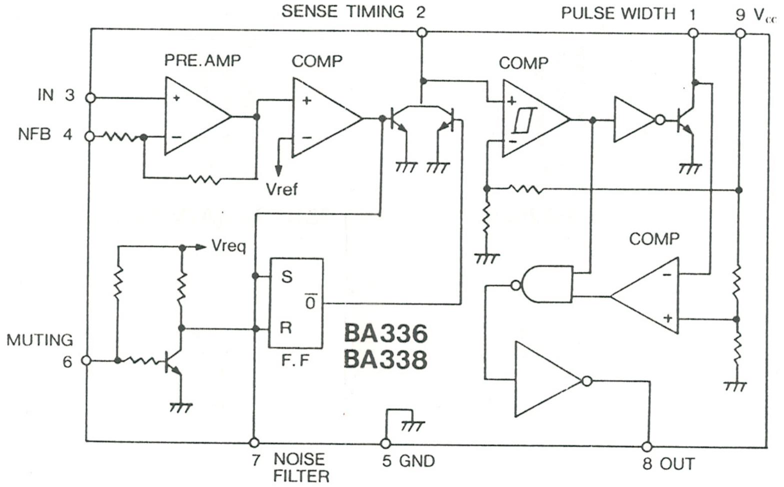
AN7292(FM-IF, Detection, Noise Conceller MPX Demodulation)


IF GND
GND
V_{cc}
1st Limiter
2nd Limiter
Mute Amp.
Quad Detector
AFC Amp.
Counter Output SSC
PNL
Pulse Detection AGC
V_{cont} Detection
V_{cont} Dc Amp.
Regulator
Multipath Detection
ATC ASC Stereo Demodulator
Frequency Divider
Pilot Detection
VCO
Pilot Canceller

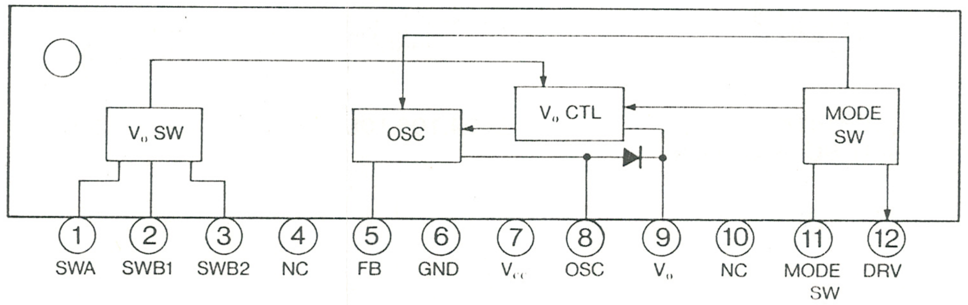
BA3121(Ground Isolution Amplifier)


IN1
V_{m1}
IN2
R
V_{cc}
OUT1
V_{m2}
OUT2
GND

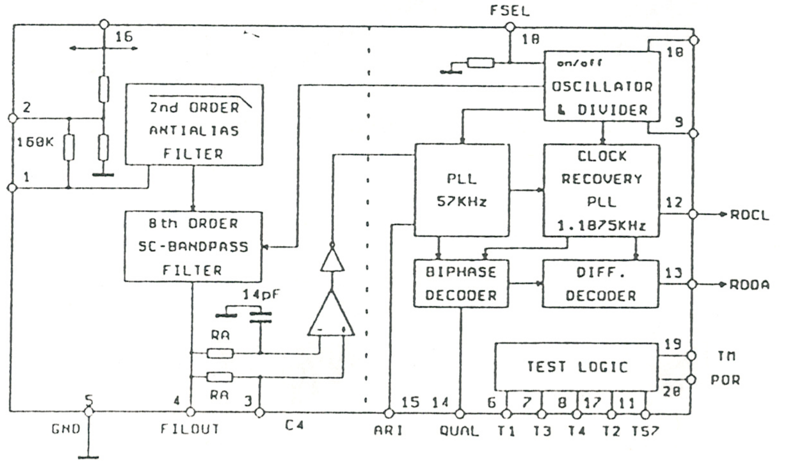
BA338(Blank Section Detector)


SENSE TIMING 2
PULSE WIDTH 1
9 V_{cc}
PRE.AMP
COMP
IN 3
NFB 4
Vref
Vreq
MUTING 6
S
Q̄
R
F.F
BA336
BA338
7 NOISE FILTER
5 GND
8 OUT

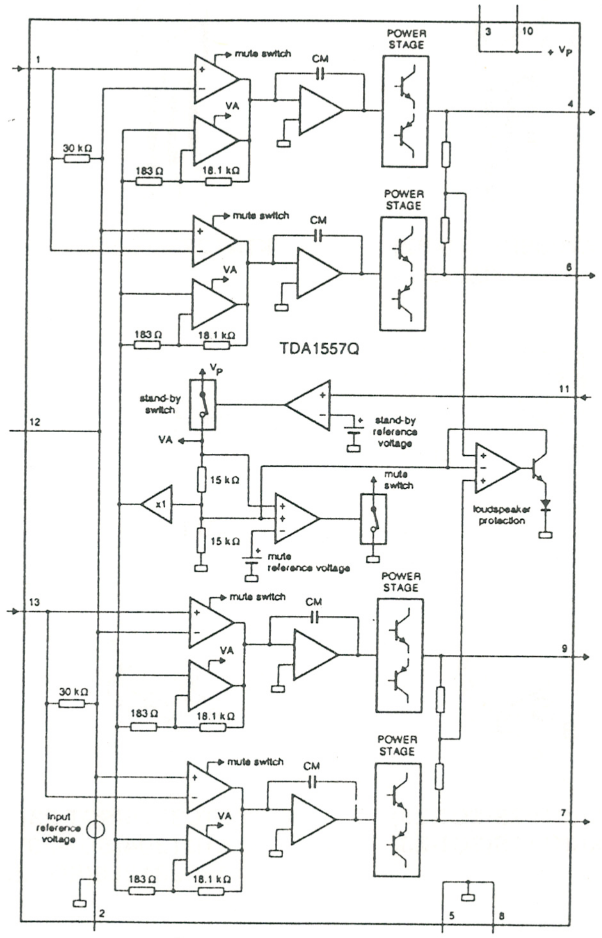
TA8162SN(1.5V CMOS IC DC/CD Convertor)


V_{o} SW
OSC
V_{o} CTL
MODE SW
SWA
SWB1
SWB2
NC
FB
GND
V_{cc}
OSC
V_{o}
NC
MODE SW
DRV

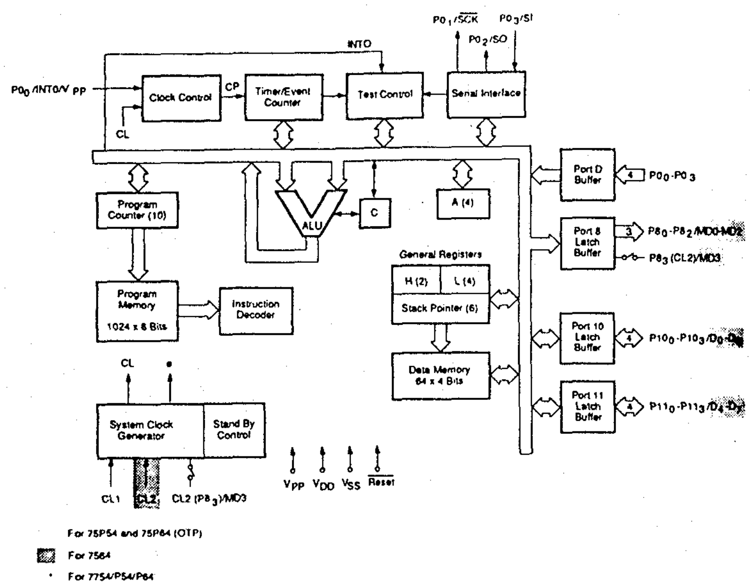
TDA7330b(RDS Demodulator +Filter)


FSEL
160K
2nd ORDER ANTIALIAS FILTER
on/off
OSCILLATOR & DIVIDER
8th ORDER SC-BANDPASS FILTER
PLL 57KHz
CLOCK RECOVERY PLL 1.1875KHz
14pF
RA
BIPHASE DECODER
DIFF. DECODER
RDCL
RDDA
TEST LOGIC
TM
POR
GND
FILOUT
C4
ARI
QUAL
T1
T3
T4
T2
T57

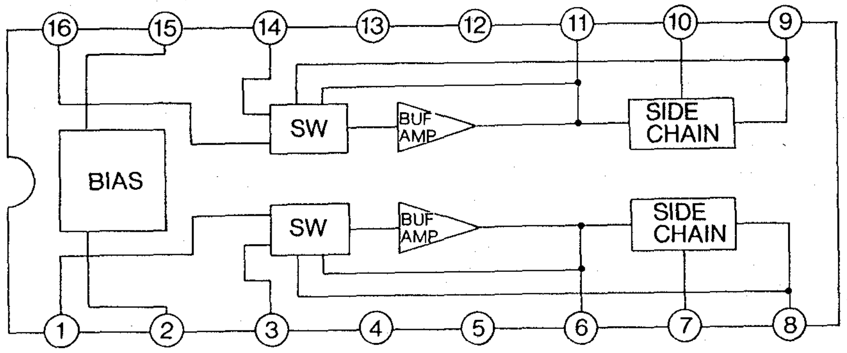
TDA1557Q(Power Amplifier)


+ V_P
mute switch
CM
POWER STAGE
VA
30 kΩ
183 Ω
18.1 kΩ
TDA1557Q
stand-by switch
stand-by reference voltage
15 kΩ
x1
mute switch
mute reference voltage
loudspeaker protection
input reference voltage

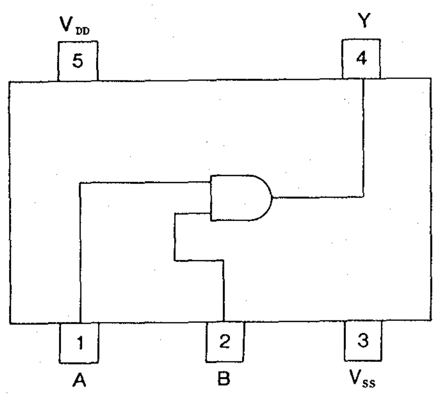
µPD 7564 (CMOS Microcomputers with Serial I/O)


P0₁/SCK
P0₂/SO
P0₃/SI
INTO
P0₀/INT0/V PP
Clock Control
CP
CL
Timer/Event Counter
Test Control
Serial Interface
Port D Buffer
P0₀-P0₃
Program Counter (10)
ALU
C
A (4)
Port 8 Latch Buffer
P8₀-P8₂/MD0-MD2
P8₃ (CL2)/MD3
General Registers
H (2)
L (4)
Stack Pointer (6)
Program Memory 1024 x 8 Bits
Instruction Decoder
Port 10 Latch Buffer
P10₀-P10₃/D₀-D₃
Data Memory 64 x 4 Bits
Port 11 Latch Buffer
P11₀-P11₃/D₄-D₇
CL
System Clock Generator
Stand By Control
CL1
CL2
CL2 (P8₃)/MD3
VPP
VDD
VSS
Reset
For 75P54 and 75P64 (OTP)
For 7564
For 7754/P54/P64

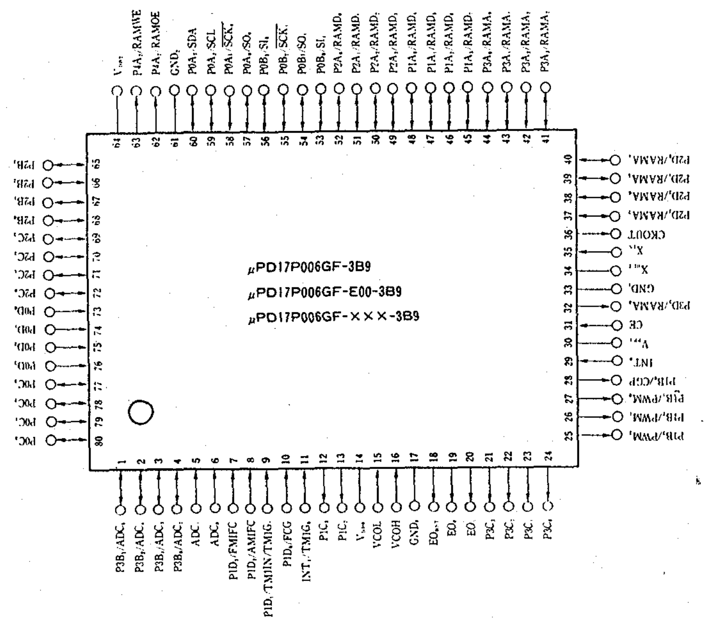
HA12135(Dolby B-Type Noise Reduction System)


16
15
14
13
12
11
10
9
SW
BUF AMP
SIDE CHAIN
BIAS
SW
BUF AMP
SIDE CHAIN
1
2
3
4
5
6
7
8

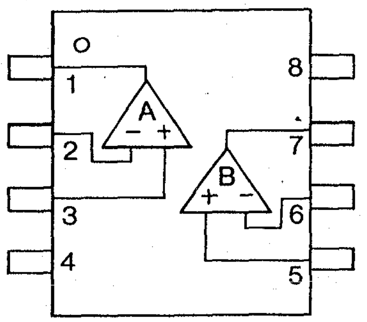
BU4S81(And Gate)


V_DD
5
Y
4
1
A
2
B
3
V_SS

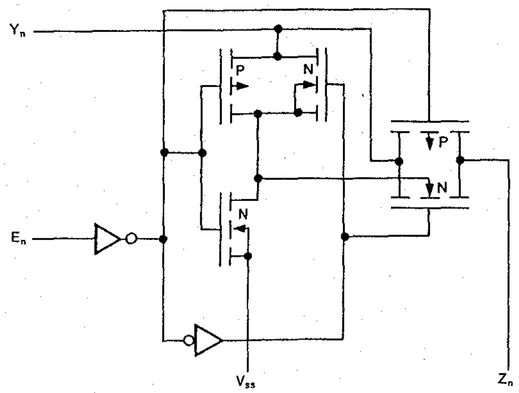
µPD17006GF(CPU)


µPD17P006GF-3B9
µPD17P006GF-E00-3B9
µPD17P006GF-×××-3B9

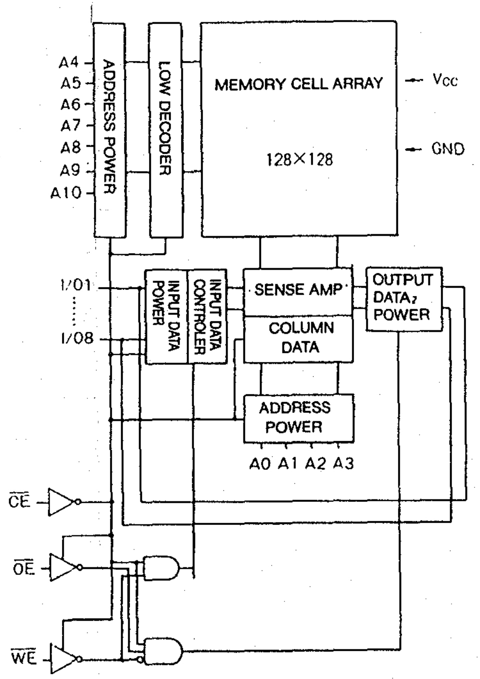
NJM 4565D (Dual Operational Amplifier)


1
2
3
4
8
7
6
5
A
B

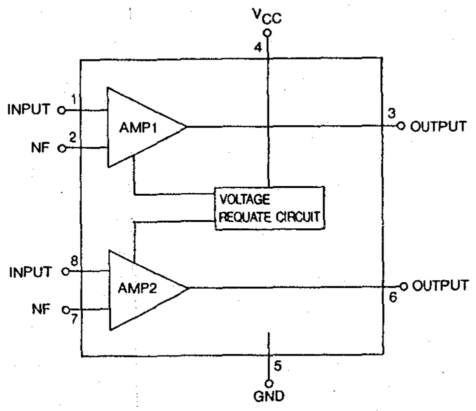
GD 4066B(Quad Bilateral Switches)


Yₙ
P
N
P
N
N
Eₙ
Vₛₛ
Zₙ

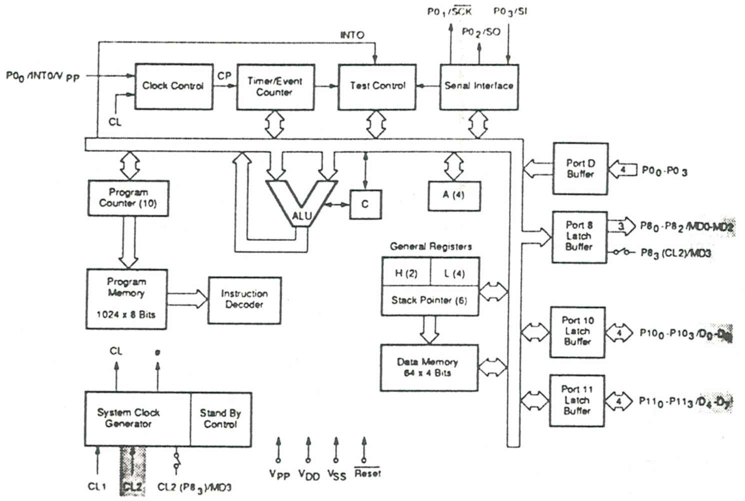
LC3517RM(16k S-RAM)


A4
A5
A6
A7
A8
A9
A10
ADDRESS POWER
LOW DECODER
MEMORY CELL ARRAY
128×128
Vcc
GND
I/01
I/08
INPUT DATA POWER
INPUT DATA CONTROLER
SENSE AMP
COLUMN DATA
OUTPUT DATA₇ POWER
ADDRESS POWER
A0 A1 A2 A3
CE
OE
WE

LA3161(2CH Free Amp)


Vcc
4
INPUT
1
NF
2
AMP1
3
OUTPUT
VOLTAGE REQUATE CIRCUIT
INPUT
8
NF
7
AMP2
6
OUTPUT
5
GND

µPD 7564 (CMOS Microcomputers with Serial I/O)

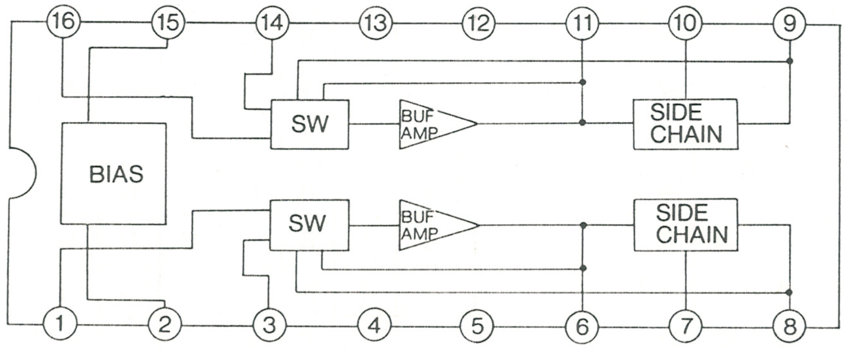

P0₁/SCK
P0₃/SI
P0₂/SO
INTO
P0₀/INT0/VPP
Clock Control
CP
Timer/Event Counter
Test Control
Serial Interface
CL
Port D Buffer
P0₀-P0₃
Program Counter (10)
ALU
C
A (4)
Port 8 Latch Buffer
P8₀-P8₂/MD0-MD2
P8₃ (CL2)/MD3
General Registers
H (2)
L (4)
Stack Pointer (6)
Program Memory 1024 x 8 Bits
Instruction Decoder
Port 10 Latch Buffer
P10₀-P10₃/D₀-D₃
Data Memory 64 x 4 Bits
CL
φ
System Clock Generator
Stand By Control
Port 11 Latch Buffer
P11₀-P11₃/D₄-D₇
CL1
CL2
CL2 (P8₃)/MD3
VPP
VDD
VSS
Reset
4
3
4
4

For 75P54 and 75P64 (OTP)

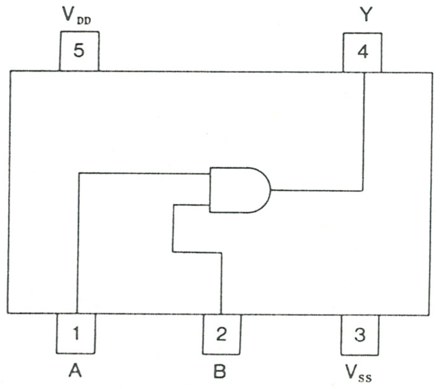
▨ For 7564

• For 7754/P54/P64

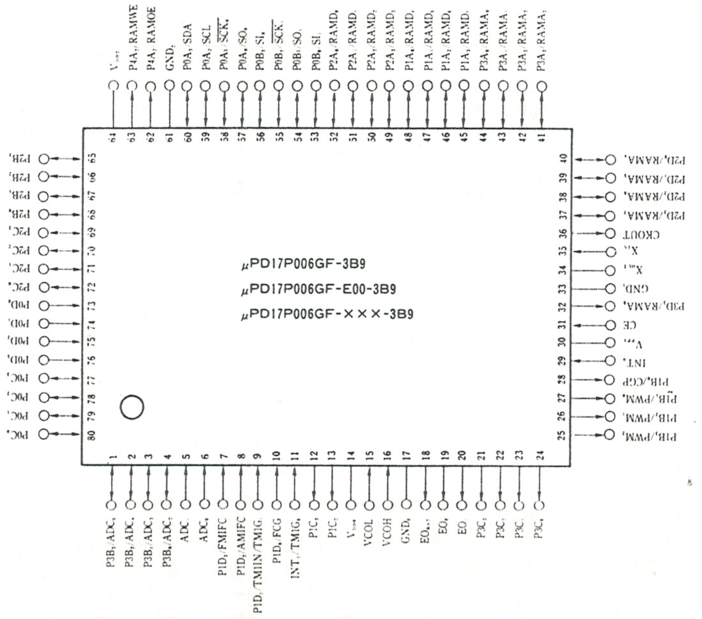
HA12135(Dolby B-Type Noise Reduction System)


16
15
14
13
12
11
10
9
SW
BUF AMP
SIDE CHAIN
BIAS
SW
BUF AMP
SIDE CHAIN
1
2
3
4
5
6
7
8

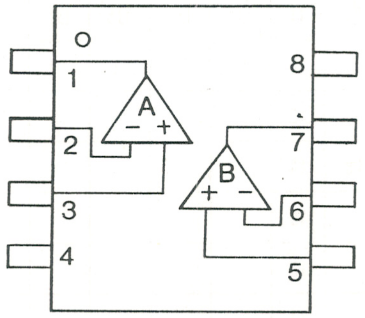
BU4S81(And Gate)


VDD
Y
5
4
1
2
3
A
B
VSS

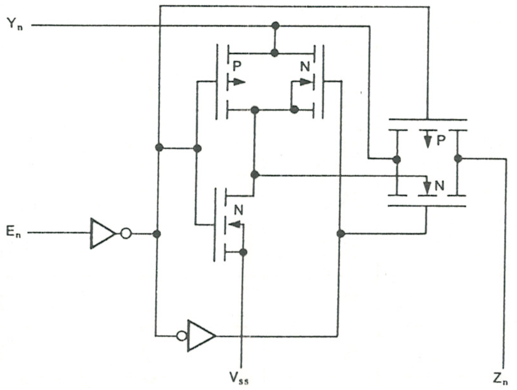
µPD17006GF(CPU)


µPD17P006GF-3B9
µPD17P006GF-E00-3B9
µPD17P006GF-×××-3B9
VDD
P4A/RAMWE
P4A/RAMOE
GND
P0A/SDA
P0A/SCL
P0A/SCK
P0A/SO
P0B/SI
P0B/SCK
P0B/SO
P0B/SI
P2A/RAMD
P1A/RAMD
P3A/RAMA
P2D/RAMA
CKOUT
X
GND
P3D/RAMA
CE
VPP
INT
P1B/CGP
P1B/PWM
P2B
P2C
P0D
P0C
P3B/ADC
ADC
P1D/FMIFC
P1D/AMIFC
P1D/TMIIN/TMIG
P1D/FCG
INT/TMIG
P1C
VDD
VCOL
VCOH
GND
EO
P3C

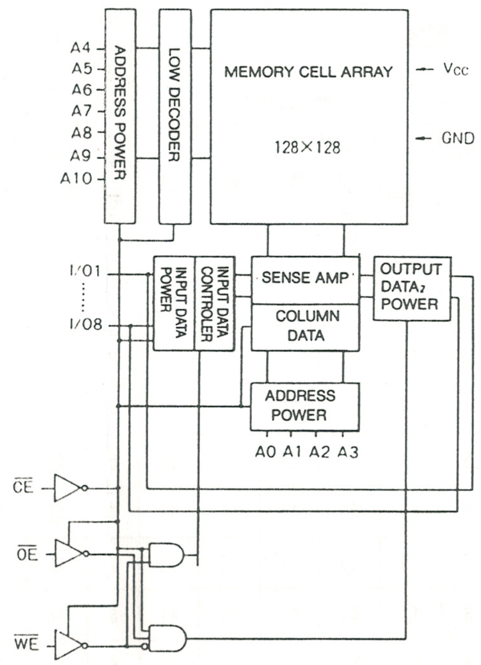
NJM 4565D (Dual Operational Amplifier)


1
2
3
4
5
6
7
8
A
B
−
+

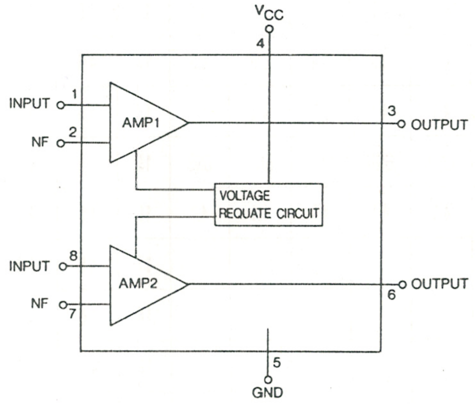
GD 4066B(Quad Bilateral Switches)


Yₙ
P
N
P
N
N
Eₙ
Vₛₛ
Zₙ

LC3517RM(16k S-RAM)


A4
A5
A6
A7
A8
A9
A10
ADDRESS POWER
LOW DECODER
MEMORY CELL ARRAY
128×128
Vcc
GND
I/O1
I/O8
INPUT DATA POWER
INPUT DATA CONTROLER
SENSE AMP
COLUMN DATA
OUTPUT DATA POWER
ADDRESS POWER
A0 A1 A2 A3
CE
OE
WE

LA3161(2CH Free Amp)


VCC
4
INPUT
1
NF
2
AMP1
3
OUTPUT
VOLTAGE REQUATE CIRCUIT
INPUT
8
NF
7
AMP2
6
OUTPUT
5
GND

IC AND TRANSISTOR VOLTAGE CHART

1. ICs

Pin No.	U101(HA12135A)					Pin No.	U102(TDA7313)					Pin No.	U103(GD4066B)					Pin No.	U104 U105(TDA1557Q)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW		No Signal	98MHz 1mV INPUT	TAPE	MW	LW		No Signal	98MHz 1mV INPUT	TAPE	MW	LW		No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	4.1	4.1	4.1	4.1	4.1	1	4.6	4.6	4.6	4.6	4.6	1	0.2	0	0	0	0	1	1.1	1.1	1.0	1.1	1.1
2	8.4	8.3	8.3	8.3	8.3	2	9.2	9.2	9.2	9.2	9.2	2	0.2	0	0	0	0	2	GND	GND	GND	GND	GND
3	4.1	4.1	4.1	4.1	4.1	3	0	0	0	0	0	3	4.74	4.8	0	4.8	4.8	3	1.4	1.4	1.4	1.4	1.4
4	3.9	3.9	3.9	3.9	3.9	4	4.6	4.6	4.6	4.6	4.6	4	0.3	0.1	0.3	0.2	4.9	4	6.6	6.6	6.6	6.6	6.6
5	0.4	0.4	0.4	0.4	0.4	5	4.6	4.6	4.6	4.6	4.6	5	0	0	0	0	0	5	GND	GND	GND	GND	GND
6	4.1	4.1	4.1	4.1	4.1	6	4.6	4.6	4.6	4.6	4.6	6	0	0	0	0	0	6	6.6	6.6	6.5	6.5	6.5
7	1.3	1.3	1.3	1.3	1.3	7	4.6	4.6	4.6	4.6	4.6	7	GND	GND	GND	GND	GND	7	6.5	6.5	6.3	6.3	6.3
8	4.1	4.1	4.1	4.1	4.1	8	4.6	4.6	4.6	4.6	4.6	8	0	0	4.8	0	0	8	GND	GND	GND	GND	GND
9	4.1	4.1	4.1	4.1	4.1	9	4.6	4.6	4.6	4.6	4.6	9	0	0	0	0	0	9	6.7	6.7	6.5	6.5	6.5
10	1.3	1.3	1.3	1.3	1.3	10	4.6	4.6	4.6	4.6	4.6	10	0	0	4.8	0	0	10	14	14	14	14	14
11	4.1	4.1	4.1	4.1	4.1	11	4.6	4.6	4.6	4.6	4.6	11	4.4	4.4	4.4	4.4	4.4	11	13.5	13.5	13.5	13.5	13.5
12	4.7	4.7		4.7	4.7	12	4.6	4.6	4.6	4.6	4.6	12	0	0	0	0	0	12	1.0	1.0	1.0	1.0	1.0
13	0.9	0.9	0.9	0.9	0.9	13	4.6	4.6	4.6	4.6	4.6	13	0	0	0	0	0	13	1.0	1.0	1.0	1.0	1.0
14	4.1	4.1	4.1	4.1	4.1	14	4.6	4.6	4.6	4.6	4.6	14	4.8	4.8	4.8	4.8	4.8	14					
15	GND	GND	GND	GND	GND	15	4.6	4.6	4.6	4.6	4.6	15						15					
16	4.1	4.1	4.1	4.1	4.1	16	4.6	4.6	4.6	4.6	4.6	16						15					
17						17	4.6	4.6	4.6	4.6	4.6	17						17					
18						18	4.6	4.6	4.6	4.6	4.6	18						18					
19						19	4.6	4.6	4.6	4.6	4.6	19						19					
20						20	4.6	4.6	4.6	4.6	4.6	20						20					
21						21	4.6	4.6	4.6	4.6	4.6	21						21					
22						22	4.6	4.6	4.6	4.6	4.6	22						22					
23						23	4.6	4.6	4.6	4.6	4.6	23						23					
24						24	4.6	4.6	4.6	4.6	4.6	24						24					
25						25	4.6	4.6	4.6	4.6	4.6	25						25					
26						26	GND	GND	GND	GND	GND	26						26					
27						27	4.5	4.5	4.5	4.5	4.5	26						26					
28						28	4.5	4.5	4.5	4.5	4.5	27						27					
29						29						29						29					
30						30						30						30					

Pin No.	U201(UPD17006)					Pin No.						Pin No.					
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW		No Signal	98MHz 1mV INPUT	TAPE	MW	LW		No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	0	0	0	0	0	31	4.9	4.9	4.9	4.9	4.9	61	GND	GND	GND	GND	GND
2	4.3	4.3	4.8	4.4	4.3	32	4.7	4.7	4.7	4.8	4.7	62	4.7	4.7	0	0	0
3	GND	GND	GND	GND	GND	33	GND	GND	GND	GND	GND	63	4.7	4.7	4.7	4.8	4.7
3	4.5	4.5	4.5	4.5	4.4	34	2.3	2.3	2.3	2.4	2.3	64	0	0	4.7	4.8	4.7
5	0	0	0	0	0	35	2.2	2.2	2.2	2.3	2.2	65	0	0	0	0	0
6	0.7	0.3	0.3	3.0	3.0	36	0	0	0	0	0	66	0	0	0	0	0
7	0	0	0	0	0	37	4.7	4.7	4.7	4.8	4.7	67	0	0	0	0	0
8	0	0	0	0	0	38	0	0	0	0	0	68	4.6	4.6	4.4	0	0
9	2.0	2.5	2.4	0.6	0.6	39	0	0	0	0	0	69	0	0	4.6	4.7	4.7
10	2.7	0	2.9	0	0	40	4.7	4.7	4.7	4.8	4.7	70	0	0	0	0	0
11	2.4	2.2	2.3	2.4	2.4	41	0	0	0	0	0	71	4.7	4.7	4.7	0	0
12	0	0	0	0	0	42	0	0	0	0	0	72	4.7	4.7	0	4.8	4.7
13	0	0	0	0	0	43	0	0	0	0	0	73	4.7	4.7	4.7	4.8	4.7
14	4.7	4.7	4.7	4.8	4.7	44	0	0	0	0	0	74	4.7	4.7	4.7	4.8	4.7
15	0	0	0	2.3	2.3	45	0	0	0	0	0	75	1.0	4.7	4.7	4.8	4.7
16	0	1.9	1.9	0	0	46	0	0	0	0	0	76	0	0	3.0	4.8	4.7
17	GND	GND	GND	GND	GND	47	0	0	0	0	0	77	0	0	2.3	2.3	2.3
18	0	0	0	0	0	48	0	0	0	0	0	78	0	0	0	0	0
19	1.1	1.1	1.2	1.1	1.2	49	0	0	0	0	0	79	0	0	0	0	0
20	1.1	1.1	1.2	1.1	1.2	50	0	0	0	0	0	80	4.7	4.7	4.7	4.8	4.7
21	4.6	4.6	4.6	0	0	51	0	0	0	0	0						
22	0	0	0	4.6	0	52	0	0	0	0	0						
23	0	0	0	0	4.6	53	4.1	4.1	4.1	4.2	4.1						
24	0	0	0	0	0	54	4.7	4.7	4.7	4.8	4.7						
25	0	0	0	0	0	55	4.7	4.7	4.7	4.8	4.7						
26	0.2	0.2	0.2	0.2	0.2	56	4.6	4.6	4.6	4.7	4.6						
27	4.6	4.6	4.6	4.6	4.6	57	0	0	0	0	0						
28	0	0	0	0	0	58	4.5	4.7	4.7	4.8	4.7						
29	4.6	4.6	4.5	4.5	4.6	59	4.5	4.5	4.5	4.6	4.5						
30	4.7	4.7	4.7	4.8	4.7	60	0	0	4.4	4.6	4.5						

Pin No.	U202(BA3121)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	4.2	4.2	4.3	4.2	4.2
2	4.1	4.1	4.2	4.1	4.1
3	4.1	4.1	4.2	4.1	4.1
4	GND	GND	GND	GND	GND
5	4.1	4.1	4.2	4.1	4.1
6	4.2	4.2	4.2	4.2	4.2
7	4.2	4.2	4.3	4.2	4.2
8	7.6	7.6	7.8	7.6	7.6
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U203(KIA7039P)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	1.4	1.4	1.4	1.4	1.4
2	5.6	5.6	5.6	5.6	5.6
3	GND	GND	GND	GND	GND
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U204(BU4581)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	4.7	4.7	4.7	4.8	4.8
2	5.3	5.3	5.3	5.4	5.4
3	4.6	4.6	4.5	4.6	4.7
4	4.7	4.7	4.7	4.8	4.8
5	GND	GND	GND	GND	GND
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U301(BA338)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	1.0	1.0	0.9	0.9	0.9
5	GND	GND	GND	GND	GND
6	0	0	0	0	0
7	0	0	0.6	0	0
8	0	0	0	0	0
9	7.8	7.8	7.9	7.8	7.8
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U302(TA8152SN)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	7.3	7.4	7.2	7.3	7.3
2	2.4	2.4	3.0	3.0	3.0
3	2.3	2.3	3.0	3.0	3.0
4	2.8	2.8	2.9	2.8	2.8
5	2.8	2.8	2.9	2.8	2.8
6	GND	GND	GND	GND	GND
7	2.8	2.9	2.9	2.8	2.8
8	2.8	2.8	2.9	2.8	2.8
9	2.8	2.8	2.9	2.8	2.8
10	2.3	2.3	3.0	3.0	3.0
11	0.8	0.8	0.8	0.8	0.8
12	2.3	2.4	3.0	3.0	3.0
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U303(TDA7330)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	1.9	1.9	1.9	2.1	2.1
2	1.9	1.9	1.9	2.1	2.1
3	1.2	1.2	1.2	1.4	1.4
4	1.2	1.2	1.2	1.4	1.4
5	GND	GND	GND	GND	GND
6	2.3	2.3	2.3	2.5	2.5
7	1.9	2.2	1.9	2.4	2.4
8	3.5	3.5	3.3	3.4	3.4
9	2.1	2.1	2.1	2.3	2.3
10	2.1	2.1	2.1	2.3	2.3
11	2.1	2.1	2.2	2.4	2.4
12	2.2	2.2	2.2	2.4	2.4
13	2.0-2.5	1.8-2.0	2.1-2.5	1.3-1.8	1.5-1.9
14	2.8-3.0	0	2.8-3.2	0	0
15	0	4.4	0	4.9	4.9
16	4.4	4.4	4.5	4.9	4.9
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U401(LC3517AML)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	4.8	4.8	4.8	4.8	4.8
2	0	0	0	0	0
3	0	0	0	0	0
4	4.7	4.7	4.7	4.8	4.8
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	GND	GND	GND	GND	GND
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	4.7	4.7	4.7	4.8	4.8
20	0	0	0	0	0
21	4.7	4.7	4.7	4.8	4.8
22	4.7	4.7	4.7	4.8	4.8
23	4.7	4.7	4.7	4.8	4.8
24	4.7	4.7	4.7	4.8	4.8
25					
26					
27					
28					
29					
30					

Pin No.	U601(UPD7564AG)				
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	0	0	0	0	0
2	4.6	4.6	4.6	4.6	4.6
3	4.3	4.3	4.3	4.3	4.3
4	3.8	4.0	3.9	3.8	3.8
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	2.3	2.3	2.3	2.3	2.3
9	2.3	2.3	2.3	2.3	2.3
10	4.8	4.8	4.8	4.8	4.8
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	4.3	4.3	4.3	4.3	4.3
16	4.8	4.8	4.8	4.8	4.8
17	4.8	4.8	4.8	4.8	4.8
18	4.8	4.8	4.8	4.8	4.8
19	4.8	4.8	4.8	4.8	4.8
20	GND	GND	GND	GND	GND
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Pin No.	U602(PCF8576F)										
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW	Pin No.	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	4.4	4.4	4.4	4.4	4.4	31	2.4	2.4	2.4	2.4	2.4
2	4.4	4.4	4.4	4.4	4.4	32	2.4	2.4	2.4	2.4	2.4
3	4.8	4.8	4.8	4.8	4.8	33	2.4	2.4	2.4	2.4	2.4
4	2.5	2.5	2.5	2.5	2.5	34	2.4	2.4	2.4	2.4	2.4
5	4.8	4.8	4.8	4.8	4.8	35	2.4	2.4	2.4	2.4	2.4
6	0.9	0.9	0.9	0.9	0.9	36	2.4	2.4	2.4	2.4	2.4
7	GND	GND	GND	GND	GND	37	2.4	2.4	2.4	2.4	2.4
8	GND	GND	GND	GND	GND	38	2.4	2.4	2.4	2.4	2.4
9	GND	GND	GND	GND	GND	39	2.4	2.4	2.4	2.4	2.4
10	GND	GND	GND	GND	GND	40	2.4	2.4	2.4	2.4	2.4
11	GND	GND	GND	GND	GND	41	2.4	2.4	2.4	2.4	2.4
12	GND	GND	GND	GND	GND	42	2.4	2.4	2.4	2.4	2.4
13	2.4	2.4	2.4	2.4	2.4	43	2.4	2.4	2.4	2.4	2.4
14	2.4	2.4	2.4	2.4	2.4	44	2.4	2.4	2.4	2.4	2.4
15	2.4	2.4	2.4	2.4	2.4	45	2.4	2.4	2.4	2.4	2.4
16	2.4	2.4	2.4	2.4	2.4	46	2.4	2.4	2.4	2.4	2.4
17	2.4	2.4	2.4	2.4	2.4	47	2.4	2.4	2.4	2.4	2.4
18	2.4	2.4	2.4	2.4	2.4	48	2.4	2.4	2.4	2.4	2.4
19	2.4	2.4	2.4	2.4	2.4	49	2.4	2.4	2.4	2.4	2.4
20	2.4	2.4	2.4	2.4	2.4	50	2.4	2.4	2.4	2.4	2.4
21	2.4	2.4	2.4	2.4	2.4	51	2.4	2.4	2.4	2.4	2.4
22	2.4	2.4	2.4	2.4	2.4	52	2.4	2.4	2.4	2.4	2.4
23	2.4	2.4	2.4	2.4	2.4	53	2.4	2.4	2.4	2.4	2.4
24	2.4	2.4	2.4	2.4	2.4	54	2.4	2.4	2.4	2.4	2.4
25	2.4	2.4	2.4	2.4	2.4	55	2.4	2.4	2.4	2.4	2.4
21	2.4	2.4	2.4	2.4	2.4	56	2.4	2.4	2.4	2.4	2.4
27	2.4	2.4	2.4	2.4	2.4	57					
28	2.4	2.4	2.4	2.4	2.4	58					
29	2.4	2.4	2.4	2.4	2.4	59					
30	2.4	2.4	2.4	2.4	2.4	60					

Pin No.	U701(AN7292SC)										
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW	Pin No.	No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	3.4	3.4	3.4	3.4	3.4	31	7.3	7.4	7.7	7.3	7.3
2	1.2	3.7	2.4	0.4	1.1	32	7.4	7.6	7.7	7.3	7.3
3	1.8	1.8	1.8	1.8	1.8	33	6.0	7.2	7.2	6.0	6.9
4	0	0.7	1.0	1.9	2.0	34	3.4	3.4	3.4	3.4	3.4
5	1.9	1.9	1.9	1.9	1.9	35	4.7	4.7	4.7	4.7	4.7
6	0.5	1.6	1.2	0.1	0.4	36	0	0	0	0	0
7	0.4	0.4	0.4	0.4	0.4	37	GND	GND	GND	GND	GND
8	2.0	2.0	2.0	2.0	2.0	38	4.0	4.0	4.0	4.0	4.0
9	3.8	3.8	3.8	3.8	3.8	39	4.1	4.1	4.1	4.1	4.1
10	3.8	3.8	3.8	3.8	3.8	40	GND	GND	GND	GND	GND
11	1.3	1.3	1.3	1.3	1.3	41	3.0	3.0	3.0	3.0	3.0
12	2.1	2.1	2.1	2.1	2.1	42	3.0	3.0	3.0	3.0	3.0
13	2.2	2.0	2.5	3.0	3.5						
14	5.8	1.0	6.2	5.9	5.9						
15	0	0	0	0	0						
16	4.2	4.2	4.2	4.2	4.2						
17	3.3	3.2	3.2	3.2	3.2						
18	5.9	6.0	6.3	5.9	5.9						
19	2.5	2.5	2.5	2.5	2.5						
20	3.4	3.4	3.4	3.4	3.4						
21	4.0	4.0	4.0	4.0	4.0						
22	0	0	0	0	0						
23	2.0	1.5	1.5	1.9	1.9						
24	2.4	2.4	2.4	2.4	2.4						
25	4.0	4.0	4.0	4.0	4.0						
26	3.0	3.0	3.0	3.4	3.2						
27	3.3	3.3	3.3	3.3	3.3						
28	0	0	0	0	0						
29	0	0	0	0	0						
30	4.2	4.2	4.2	4.2	4.2						

Pin No.	U901,902(NJM4565D)					Pin No.					
	No Signal	98MHz 1mV INPUT	TAPE	MW	LW		No Signal	98MHz 1mV INPUT	TAPE	MW	LW
1	4.1	4.1	4.1	4.1	4.1						
2	4.1	4.1	4.1	4.1	4.1						
3	4.1	4.1	4.1	4.1	4.1						
4	GND	GND	GND	GND	GND						
5	4.1	4.1	4.1	4.1	4.1						
6	4.1	4.1	4.1	4.1	4.1						
7	4.1	4.1	4.1	4.1	4.1						
8	8.4	8.4	8.4	8.4	8.4						
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

2. TRANSISTORS

	Q101				Q102				Q103				Q104				Q105				Q106				Q107				Q108			
	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE
E	GND	GND	GND	GND	GND	GND	GND	GND	0.7	0.6	0.6	0.6	8.4	8.4	8.4	8.4	GND	GND	GND	GND	0	8.3	8.3	8.4	GND	GND	GND	GND	8.4	8.4	8.4	8.4
C	7.2	6.7	6.7	6.7	3.3	4.6	3.0	3.0	3.3	4.6	3.0	3.0	7.7	7.3	7.2	7.7	0	7.8	7.8	7.8	0	8.3	0	0	0	0	8.4	8.4	0	8.3	8.3	8.4
B	0	0	0	0	0.7	0.6	0.6	0.6	1.2	1.1	1.1	1.1	0	7.6	7.6	0	4.69	0	0	0	0	0	8.1	8.4	0	4.6	0	0	8.4	0	0	0

	Q109				Q110				Q111				Q112				Q113				Q114				Q115				Q201			
	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE
E	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	5.6	5.6	5.6	5.6	14.1	13.9	13.9	13.9	GND	GND	GND	GND	8.5	8.5	8.4	8.5
C	8.2	0	0	0	0	0	0	0	0	0	0	0	4.7	4.8	4.7	4.7	12.8	12.8	12.8	12.8	13.9	13.7	13.8	13.6	0	0	0	0	13.9	13.6	13.6	13.6
B	0	4.1	4.1	4.1	0	0	0	0.6	0	0	0	0.6	0	0	0	0	6.1	6.1	6.1	6.1	13.4	13.2	13.2	13.2	4.5	4.7	4.7	4.7	9.0	9.0	8.9	8.9

	Q202				Q203				Q204				Q205				Q206				Q207				Q208				Q209			
	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE
E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	GND	GND	GND	GND	0	0	0	0	5.5	5.5	5.5	5.5	0	0	0	0
C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6	4.8	4.7	4.7	4.6	4.8	4.8	4.8	5.5	5.5	5.5	5.5	0	0	0	0
B	0	0.2	0.1	0.2	0	0.2	0.1	0.2	0	0.2	0.1	0.2	0	0.1	0.1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	4.8	4.8	4.7	4.7

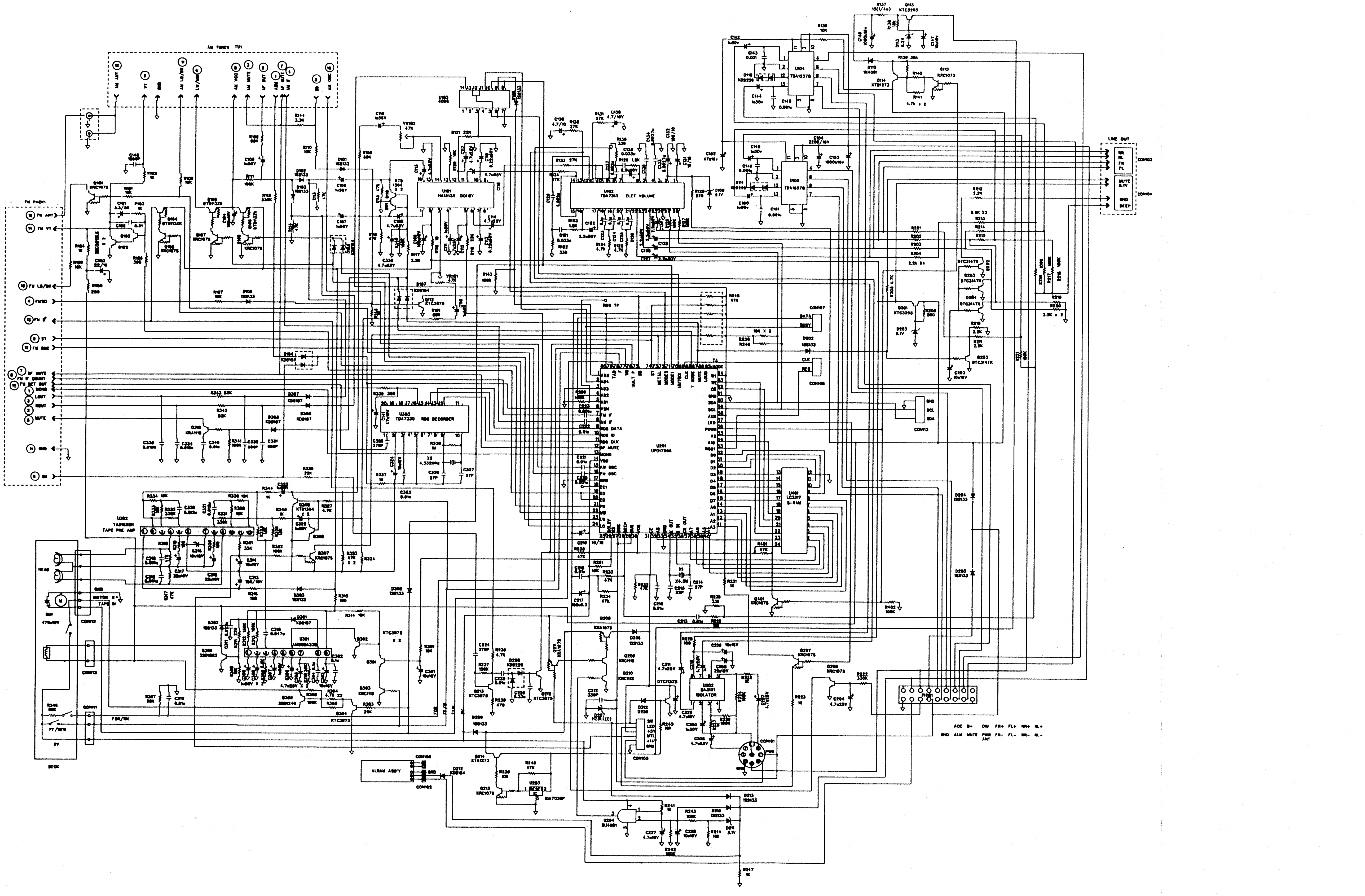
	Q210				Q211				Q212				Q213				Q214				Q215				Q216				Q301			
	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE
E	GND	GND	GND	GND	4.9	4.8	4.7	4.8	GND	GND	GND	GND	0.5	0.5	0.5	0.5	5.6	5.5	5.5	5.6	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND
C	0	0	0	0	4.8	4.7	4.7	4.7	4.6	0	0	0	1.9	1.9	1.8	1.8	5.5	5.5	5.4	5.5	0	0	0	0	4.9	4.9	4.8	4.9	0	0	0	0
B	4.6	4.6	4.6	4.6	0	0	0	0	0	0.5	0.5	0.5	1.2	1.1	1.1	1.1	4.9	4.9	4.8	5.0	1.5	1.4	1.4	1.4	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.6

	Q302				Q303				Q304				Q305				Q306				Q307				Q308				Q309			
	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE
E	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	14	14	14	14	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND
C	0	0	0	0	0	0	0	0	13.7	13.4	13.1	0	0.3	0.3	0.3	13.5	13.9	13.7	13.7	13.6	4.6	4.4	4.6	4.5	0	0	0	0	0	0	0	0
B	0.7	0.7	0.7	0.6	0	0	0	0	0	0	0	6	13.9	13.7	13.2	12.9	0	0	0	0	0.3	0.2	0.2	0.2	0	0.4	0.3	0	0	0.4	0.3	0

	Q310																															
	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE	FM	MW	LW	TAPE
E	0.6	2.2	2.1	0.5																												
C	0.6	2.3	2.1	2.5																												
B	0	1.5	1.4	3.3																												

SCHEMATIC DIAGRAM

Model No.: RC-926RD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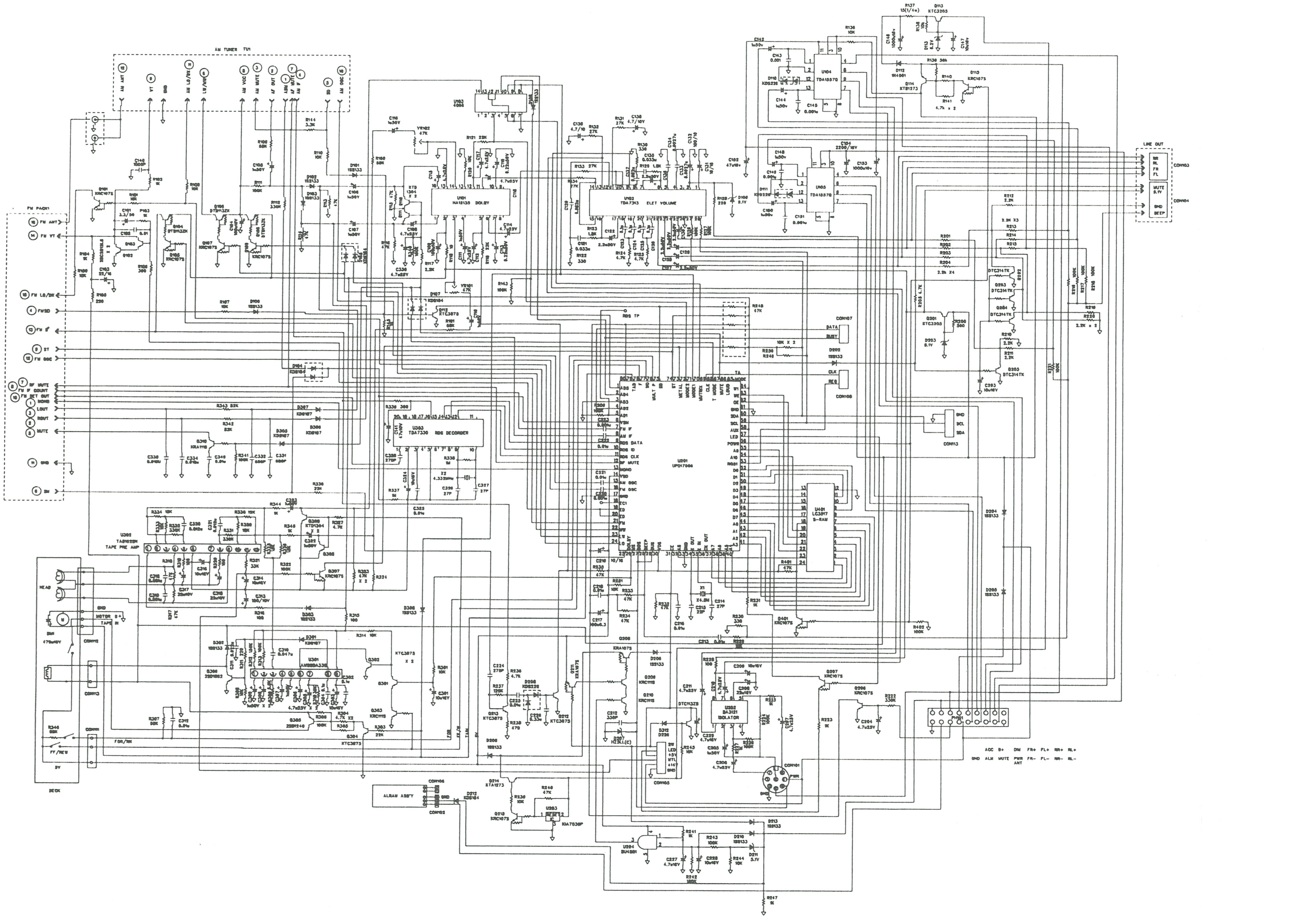
LINE OUT
TAPE PRE AMP
HEAD
DECK
ALRAM ASS'Y
ISOLATOR

SCHEMATIC DIAGRAM

Model No.: RC-926RD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LINE OUT
CON103
CON104
CON107
CON108
CON113
U201 UPD17006
U303 TDA7330 RDS DECORDER
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U302 TA8142AN TAPE PRE AMP
U301 AN6650A338
HEAD
DECK
U202 BA3121 ISOLATOR
CON101
PWR
CON105
CON106
CON102
ALARM ASSY
U203 KIA7036P
U204 BA4558
CON111
CON112
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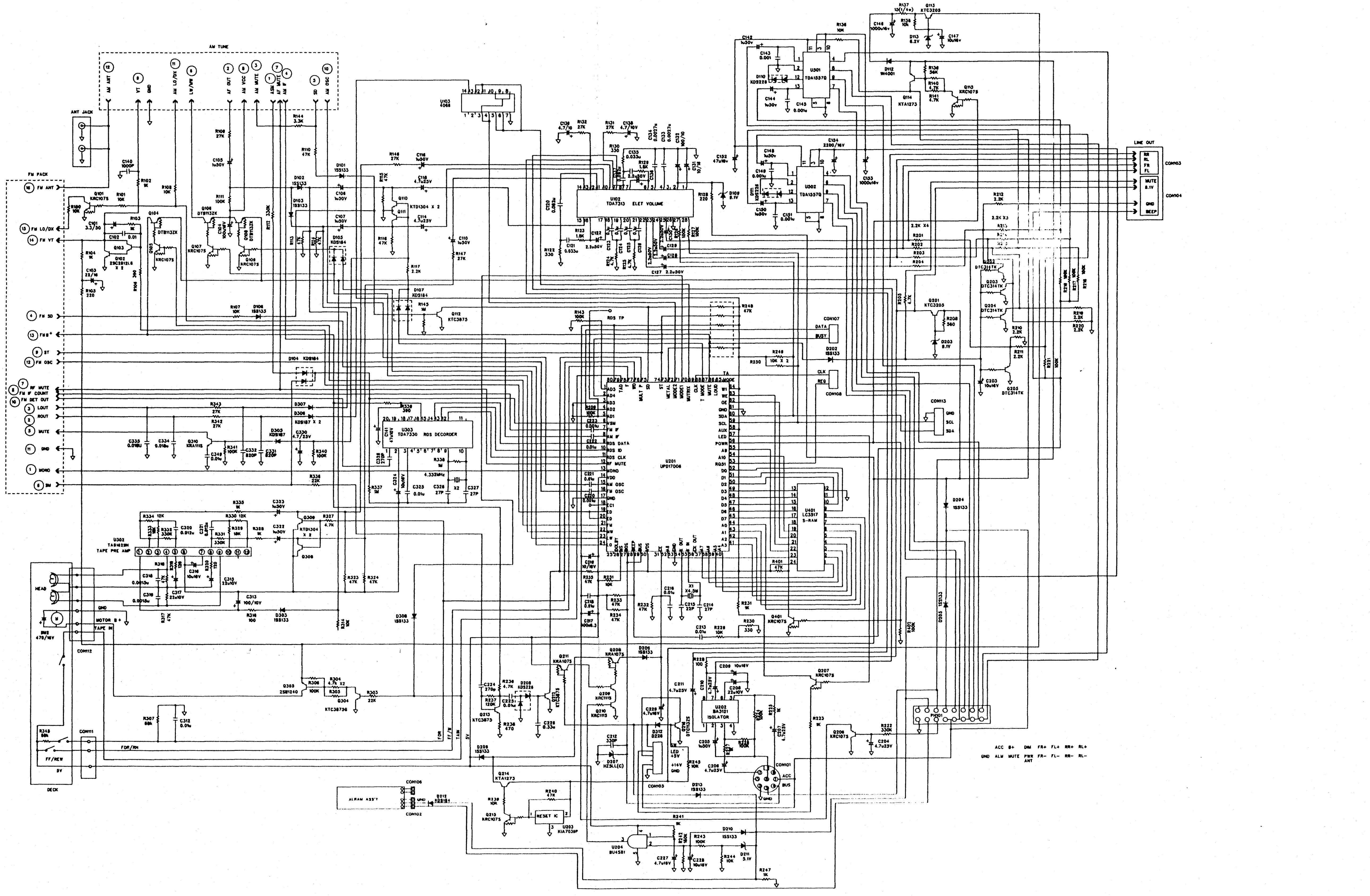
GND ALM MUTE PWR ANT FR- FL- RR- RL-

SCHEMATIC DIAGRAM

Model No.: RC-826RD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ROUT
MUTE
GND
MONO
BM
AM ANT
VT
AM LO/DX
LW/MW
AF OUT
AM VCC
AM MUTE
AM OSC
U103 4066
U102 TDA7313 ELET VOLUME
U301 TDA1557Q
U302 TDA1557Q
LINE OUT
CON103
CON104
RR
RL
FR
FL
MUTE
GND
BEEP
U303 TDA7330 RDS DECORDER
U201 UPD17006
U401 LC3517 S-RAM
CON107
DATA
BUSY
CLK
REQ
CON108
CON113
SCL
SDA
U302 TA8162BN TAPE PRE AMP
HEAD
MOTOR B+
TAPE IN
CON112
FF/REW
CON111
FOR/RW
DECK
U202 BA3121 ISOLATOR
CON101
ACC
BUS
CON105
CON106
CON102
ALARM ASS'Y
RESET IC
U203 KIA7039P
U204 BU4581
PH101
ACC B+ DIM FR+ FL+ RR+ RL+
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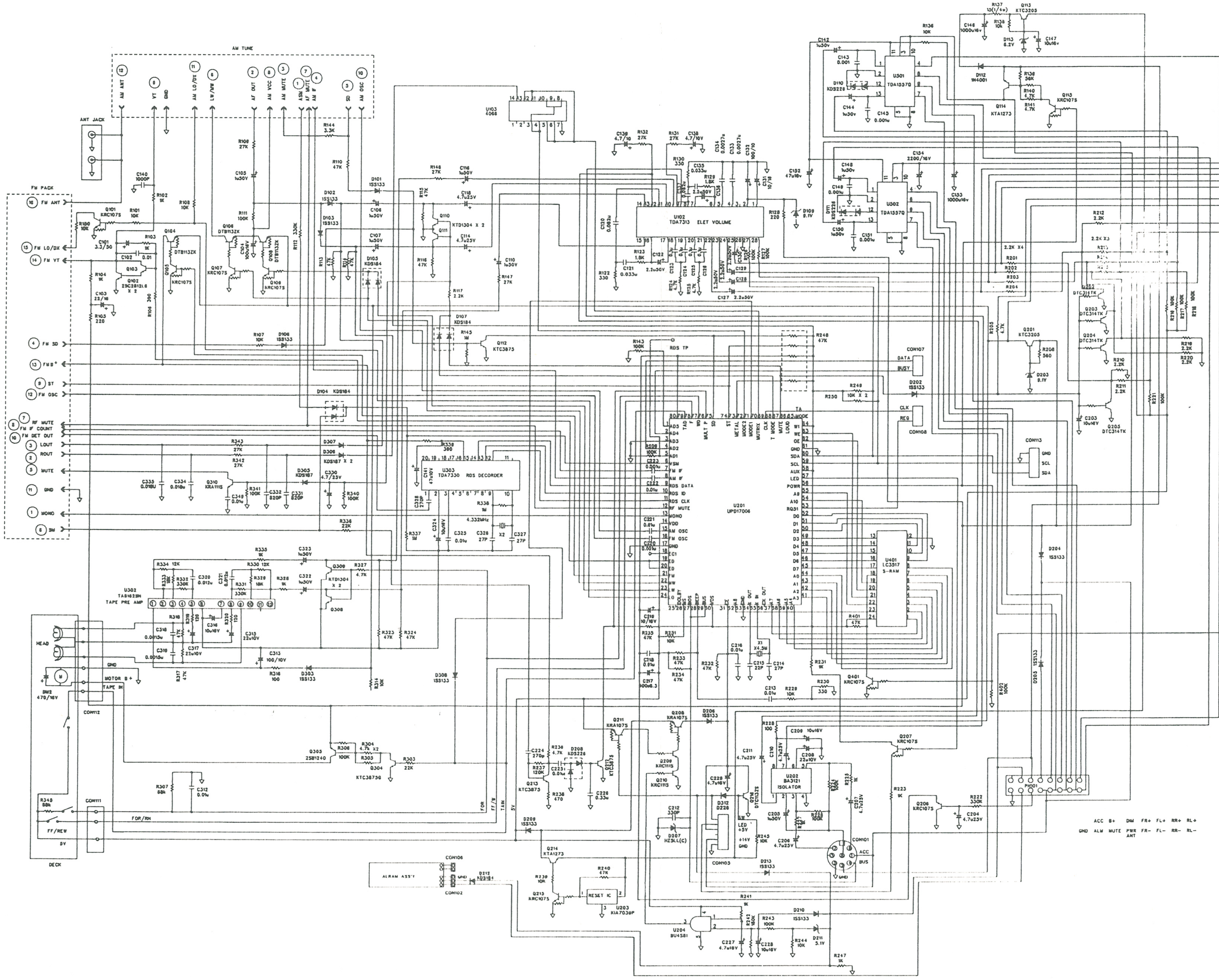
X1 4.3M
X2 4.332MHz

SCHEMATIC DIAGRAM

Model No.: RC-826RD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ANT JACK
FM PACK
FM ANT
FM LO/DX
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FM IF COUNT
FM DET OUT
LOUT
ROUT
MUTE
GND
MONO
SM
U103 4066
U102 TDA7313 ELET VOLUME
U301 TDA1557Q
U302 TDA1557Q
LINE OUT
CON103
CON104
RR
RL
FR
FL
MUTE
8.1V
BEEP
RDS TP
U303 TDA7330 RDS DECORDER
U201 UPD17006
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CON107
DATA
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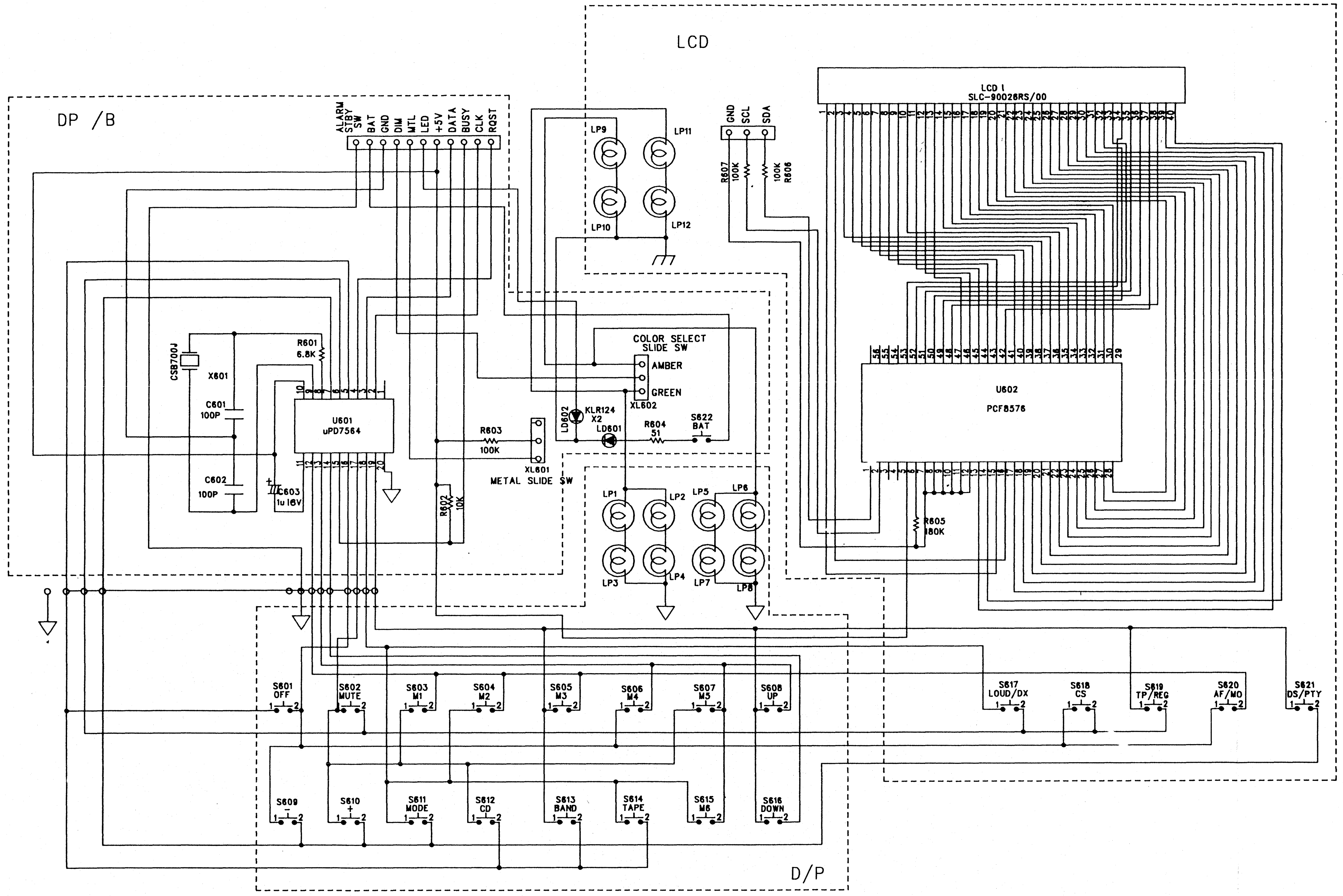
CON108
CON113
SCL
SDA
TAPE PRE AMP
HEAD
MOTOR B+
TAPE IN
CON112
DECK
CON111
FF/REW
FOR/RH
U202 BA3121 ISOLATOR
CON101
ACC
B/S
RESET IC
U203 KIA7036P
U204 BU4581
ALRAM ASS'Y
CON106
CON102
CON105
PW101
ACC B+ DIM FR+ FL+ RR+ RL+
GND ALM MUTE PWR ANT FR- FL- RR- RL-

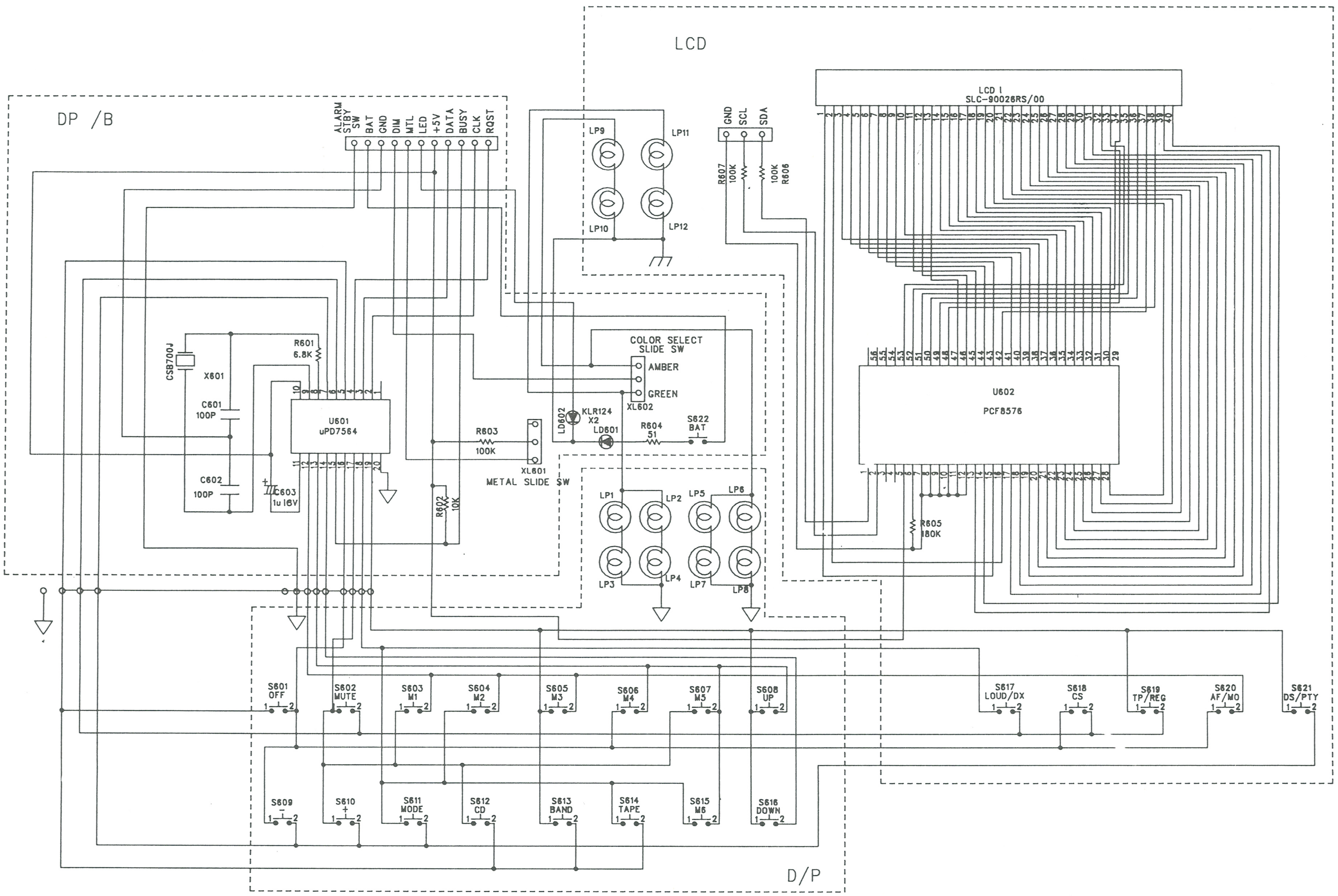
SCHEMATIC DIAGRAM

Model No.: RC-926RD


LCD
DP /B
D/P
ALARM STBY SW
BAT
GND
DIM
MTL
LED
+5V
DATA
BUSY
CLK
RQST
LP9
LP11
LP10
LP12
GND
SCL
SDA
R607 100K
100K R606
LCD 1
SLC-90026RS/00
U602
PCF8576
R605 180K
R601 6.8K
CSB700J
X601
C601 100P
C602 100P
C603 1u 16V
U601
uPD7564
R603 100K
XL601
METAL SLIDE SW
R602 10K
LD602
KLR124 X2
LD601
R604 51
S622 BAT
COLOR SELECT SLIDE SW
AMBER
GREEN
XL602
LP1
LP2
LP5
LP6
LP3
LP4
LP7
LP8
S601 OFF
S602 MUTE
S603 M1
S604 M2
S605 M3
S606 M4
S607 M5
S608 UP
S609 −
S610 +
S611 MODE
S612 CD
S613 BAND
S614 TAPE
S615 M6
S616 DOWN
S617 LOUD/DX
S618 CS
S619 TP/REG
S620 AF/MO
S621 DS/PTY

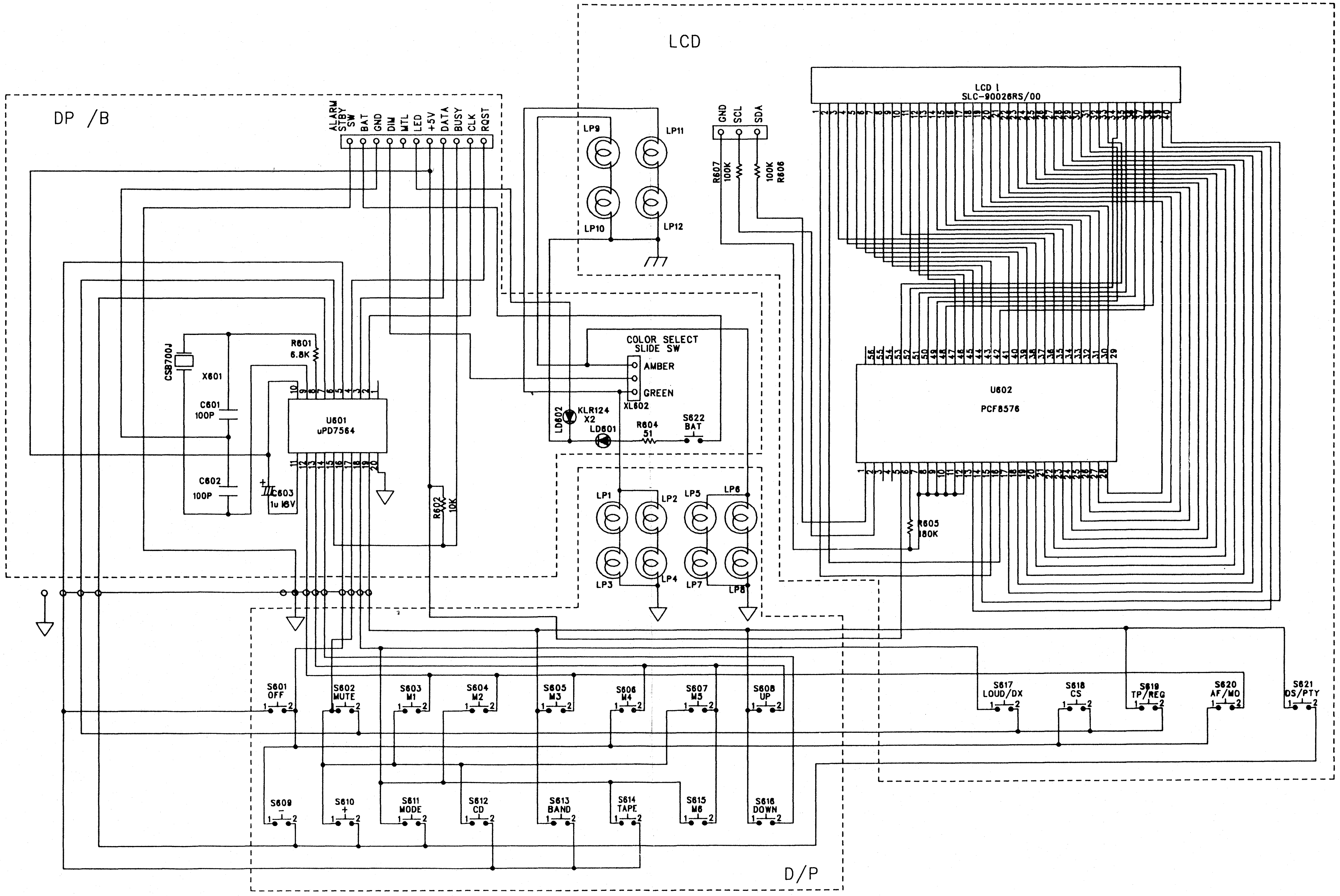
SCHEMATIC DIAGRAM

Model No.: RC-926RD


LCD
DP /B
ALARM STBY SW
BAT
GND
DIM
MTL
LED
+5V
DATA
BUSY
CLK
RQST
LP9
LP10
LP11
LP12
GND
SCL
SDA
R607 100K
100K R606
LCD I
SLC-90026RS/00
CSB700J
X601
R601
6.8K
C601
100P
C602
100P
C603
1u 16V
U601
uPD7564
R603
100K
XL601
METAL SLIDE SW
R602
10K
COLOR SELECT
SLIDE SW
AMBER
GREEN
XL602
LD602
KLR124
X2
LD601
R604
51
S622
BAT
U602
PCF8576
R605
180K
LP1
LP2
LP3
LP4
LP5
LP6
LP7
LP8
S601 OFF
S602 MUTE
S603 M1
S604 M2
S605 M3
S606 M4
S607 M5
S608 UP
S609 −
S610 +
S611 MODE
S612 CD
S613 BAND
S614 TAPE
S615 M6
S616 DOWN
S617 LOUD/DX
S618 CS
S619 TP/REG
S620 AF/MO
S621 DS/PTY
D/P

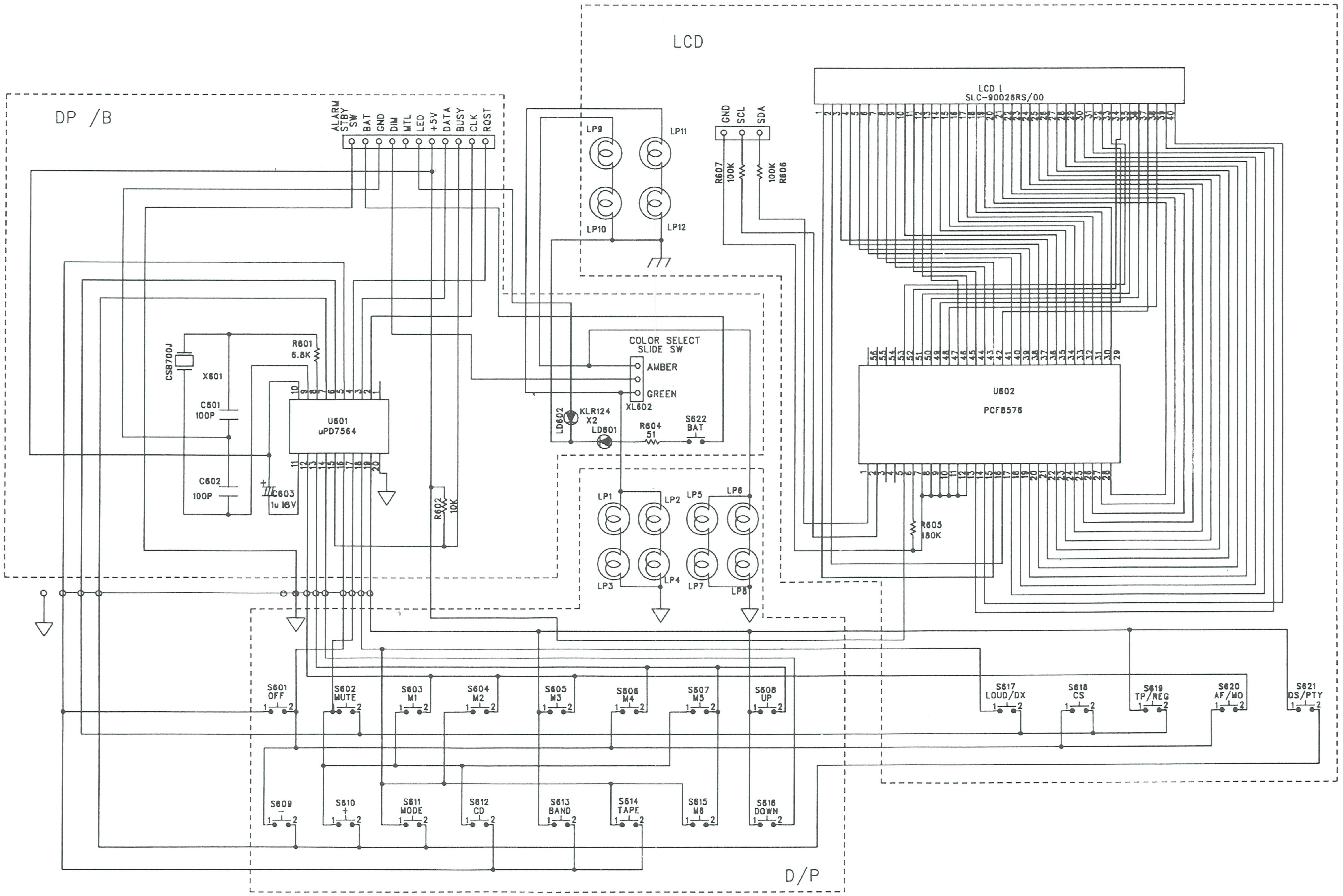
SCHEMATIC DIAGRAM

Model No.: RC-826RD


DP /B
ALARM
STBY
SW
BAT
GND
DIM
MTL
LED
+5V
DATA
BUSY
CLK
RQST
CSB700J
X601
R601
6.8K
C601
100P
C602
100P
C603
1u 16V
U601
uPD7564
R602
10K
LCD
LP9
LP10
LP11
LP12
GND
SCL
SDA
R607
100K
100K
R606
LCD I
SLC-90026RS/00
COLOR SELECT
SLIDE SW
AMBER
GREEN
XL602
LD602
KLR124
X2
LD601
R604
51
S622
BAT
LP1
LP2
LP3
LP4
LP5
LP6
LP7
LP8
U602
PCF8576
R605
180K
S601
OFF
S602
MUTE
S603
M1
S604
M2
S605
M3
S606
M4
S607
M5
S608
UP
S609
-
S610
+
S611
MODE
S612
CD
S613
BAND
S614
TAPE
S615
M6
S616
DOWN
S617
LOUD/DX
S618
CS
S619
TP/REG
S620
AF/MO
S621
DS/PTY
D/P

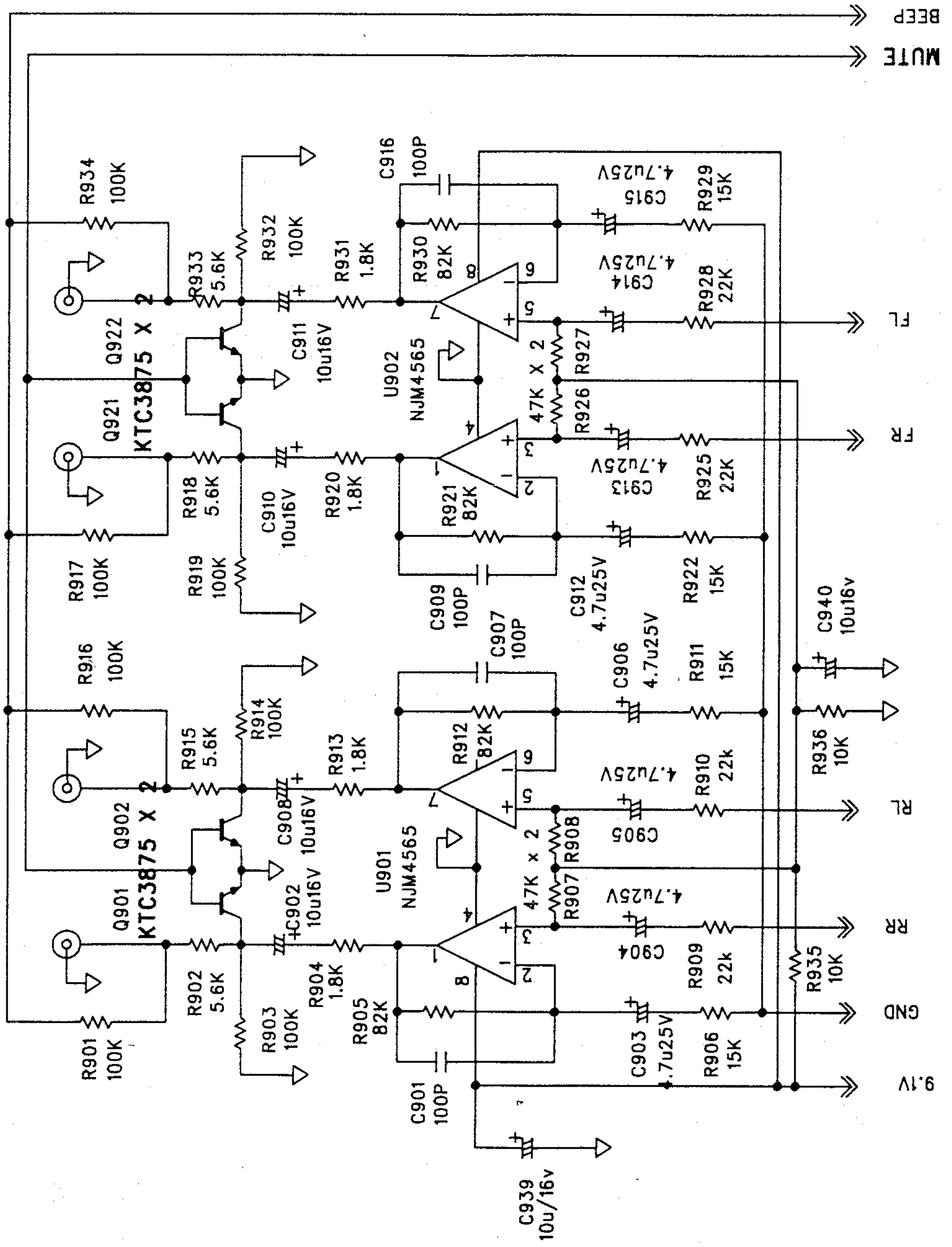
SCHEMATIC DIAGRAM

Model No.: RC-826RD


LCD
DP /B
ALARM
STBY
SW
BAT
GND
DIM
MTL
LED
+5V
DATA
BUSY
CLK
RQST
LP9
LP11
LP10
LP12
GND
SCL
SDA
R607
100K
100K
R606
LCD I
SLC-90026RS/00
COLOR SELECT
SLIDE SW
AMBER
GREEN
XL602
LD602
KLR124
X2
LD601
R604
51
S622
BAT
U602
PCF8576
CSB700J
X601
R601
6.8K
C601
100P
C602
100P
C603
1u 16V
U601
uPD7564
R602
10K
R605
180K
LP1
LP2
LP5
LP6
LP3
LP4
LP7
LP8
S601
OFF
S602
MUTE
S603
M1
S604
M2
S605
M3
S606
M4
S607
M5
S608
UP
S617
LOUD/DX
S618
CS
S619
TP/REG
S620
AF/MO
S621
DS/PTY
S609
-
S610
+
S611
MODE
S612
CD
S613
BAND
S614
TAPE
S615
M6
S616
DOWN
D/P

SCHEMATIC DIAGRAM

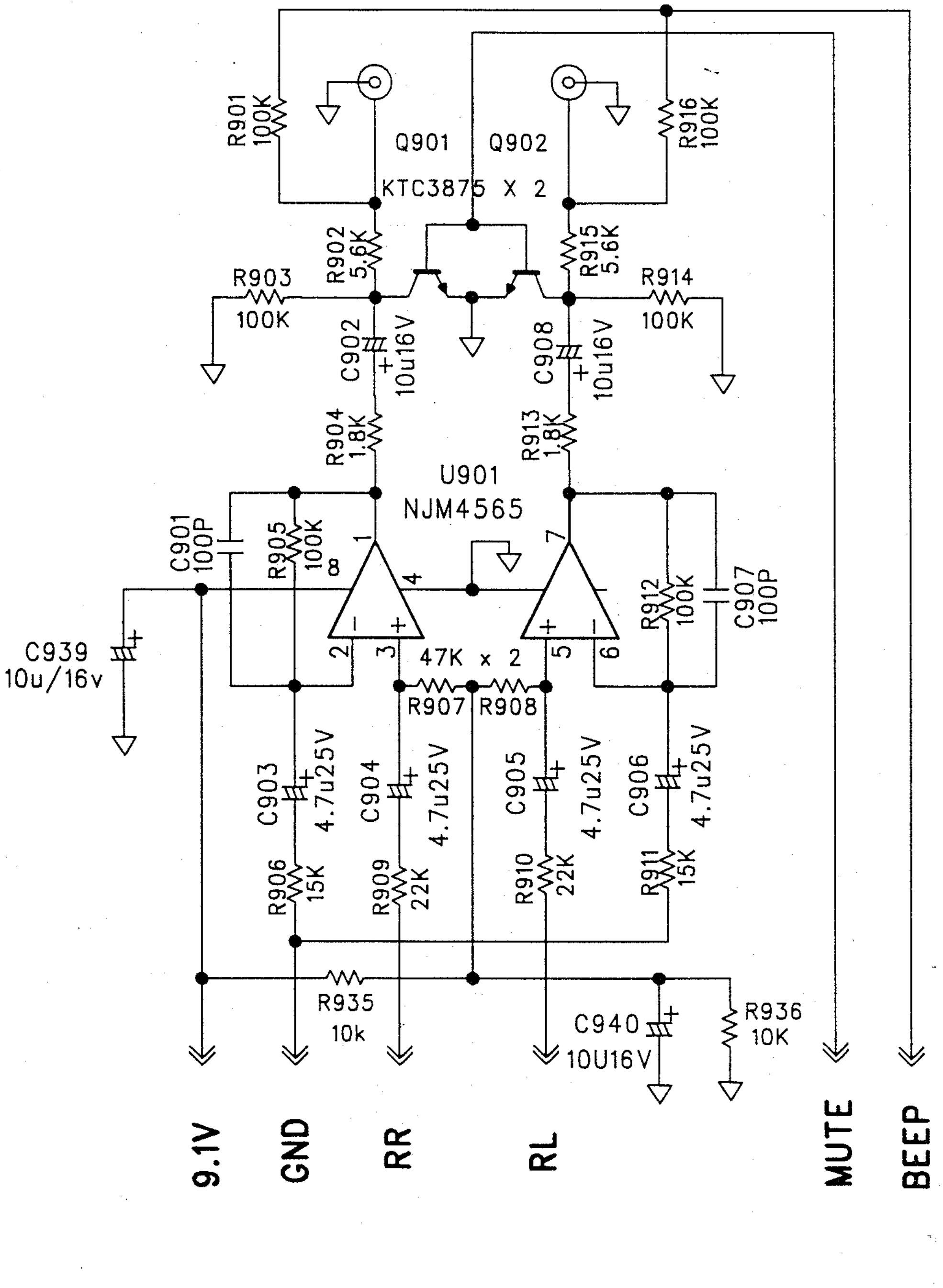
Model No.: RC-926RD



BEEP
MUTE
FL
FR
RL
RR
GND
9.1V
R934 100K
R933 5.6K
R932 100K
R931 1.8K
R930 82K
C916 100P
C915 4.7u25V
R929 15K
C914 4.7u25V
R928 22K
R927
R926
47K X 2
U902 NJM4565
C911 10u16V
Q922
Q921
KTC3875 X 2
R918 5.6K
C910 10u16V
R920 1.8K
R921 82K
C913 4.7u25V
R925 22K
R917 100K
R919 100K
C909 100P
C912 4.7u25V
R922 15K
C940 10u16v
C907 100P
C906 4.7u25V
R911 15K
R916 100K
R915 5.6K
R914 100K
R913 1.8K
R912 82K
R910 22k
C905 4.7u25V
R936 10K
Q902
Q901
KTC3875 X 2
C908 10u16V
C902 10u16V
U901 NJM4565
R908
R907
47K x 2
C904 4.7u25V
R909 22k
R935 10K
R902 5.6K
R903 100K
R904 1.8K
R905 82K
C903 4.7u25V
R906 15K
R901 100K
C901 100P
C939 10u/16v

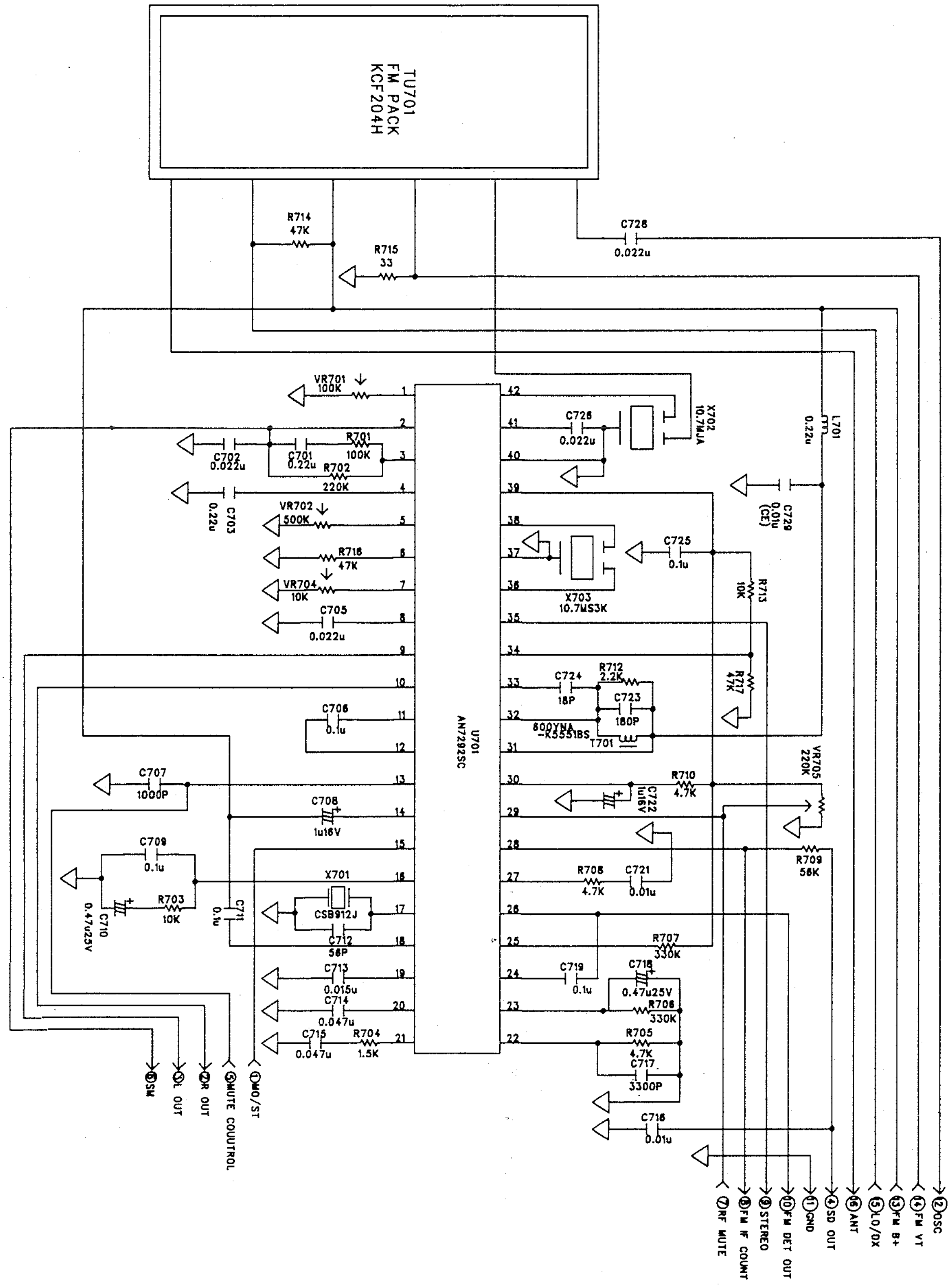
SCHEMATIC DIAGRAM

Model No.: RC-826RD


R901
100K
Q901
Q902
R916
100K
KTC3875 X 2
R902
5.6K
R915
5.6K
R903
100K
R914
100K
C902
10u16V
C908
10u16V
R904
1.8K
R913
1.8K
U901
NJM4565
C901
100P
R905
100K
8
1
4
7
R912
100K
C907
100P
C939
10u/16v
2
3
5
6
47K x 2
R907
R908
C903
4.7u25V
C904
4.7u25V
C905
4.7u25V
C906
4.7u25V
R906
15K
R909
22K
R910
22K
R911
15K
R935
10k
C940
10U16V
R936
10K
9.1V
GND
RR
RL
MUTE
BEEP

SCHEMATIC DIAGRAM

Model No.: RC-926, RC-826RD


TU701
FM PACK
KCF204H
R714
47K
R715
33
C728
0.022u
VR701
100K
C702
0.022u
C701
0.22u
R701
100K
R702
220K
C703
0.22u
VR702
500K
R716
47K
VR704
10K
C705
0.022u
C706
0.1u
C707
1000P
C708
1u16V
C709
0.1u
C710
0.47u25V
R703
10K
C711
0.1u
X701
CSB912J
C712
56P
C713
0.015u
C714
0.047u
C715
0.047u
R704
1.5K
U701
AN7282SC
C726
0.022u
X702
10.7MJA
L701
0.22u
C729
0.01u
(CE)
X703
10.7MS3K
C725
0.1u
R713
10K
R717
47K
C724
18P
R712
2.2K
C723
180P
600YNA
-K5551BS
T701
VR705
220K
R710
4.7K
C722
1u16V
R709
56K
R708
4.7K
C721
0.01u
R707
330K
C719
0.1u
C718
0.47u25V
R706
330K
R705
4.7K
C717
3300P
C716
0.01u
⑥SM
⑨L OUT
⑫R OUT
⑮MUTE COUTROL
①MO/ST
⑦RF MUTE
⑧FM IF COUNT
⑨STEREO
⑩FM DET OUT
⑪GND
④SD OUT
⑯ANT
⑮LO/DX
⑬FM B+
⑭FM VT
②OSC